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Annual Catalogue

FOR THE SCHOOL YEAR

1925-1926



PUBLISHED BY THE
BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH



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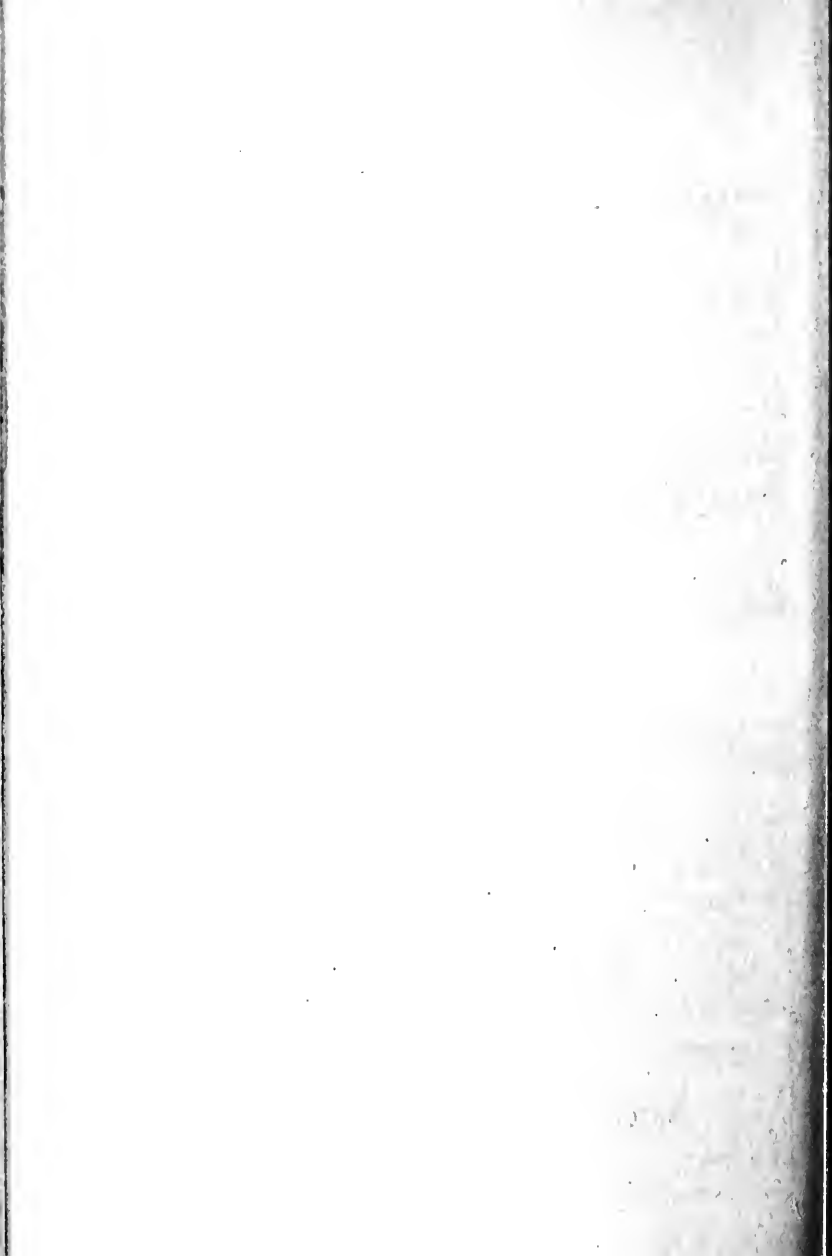
BRIGHAM YOUNG UNIVERSITY
Q U A R T E R L Y

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University Calendar

1925

AUTUMN QUARTER

September 14 and 15—Registration of students.

September 16—Instruction begins.

October 5—Conference recess.

October 15, 16 and 17—Semi-centennial celebration.

November 25 to 30 (Wednesday evening until Monday morning)—Thanksgiving recess.

December 4—Autumn Quarter closes.

WINTER QUARTER

December 7—Winter Quarter begins.

December 18 (Friday evening)—Christmas recess begins.

1926

January 4—School work resumed.

January 25 to 29—Leadership Week.

February 12—Lincoln Birthday Exercises.

February 22—Washington Birthday Exercises.

March 12—Winter Quarter closes.

SPRING QUARTER

March 15—Spring Quarter begins.

April 5—Conference recess.

April 30—Girls' Day.

May 30—Baccalaureate services.

June 2—Fiftieth Commencement exercises.

June 7—Summer Quarter begins.

Church School Officers

GENERAL CHURCH BOARD OF EDUCATION

HEBER J. GRANT	JOSEPH FIELDING SMITH
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WILLARD YOUNG	RICHARD R. LYMAN
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ARTHUR WINTER, Secretary-Treasurer	

SUPERINTENDENT OF CHURCH SCHOOLS

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Authorities of the Brigham Young University

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Lecturer on Theology

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Lecturer on Social and Industrial Problems

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Lecturer on Community Building

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Lecturer on the Progress of Science

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Lecturer on Literature in Life

JOHN C. SWENSON, M.A.

Professor of Economics and Sociology

CHARLES E. MAW, M.S., Ph.D.

Professor of Chemistry

*The University Council consists of the President and all members of the Faculty with the rank of Professor, Associate Professor, and Assistant Professor.

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Dean of the College of Arts and Sciences

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Professor of Modern Languages

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Medical Director

FLORENCE JEPPELSON MADSEN*

Professor of Music

HARRISON V. HOYT, M.B.A.

Professor of Business Administration

Dean of the College of Commerce and Business Administration

*On leave of absence.

THE FACULTY

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• THOMAS L. MARTIN, Ph.D.

Professor of Agronomy

HUGH M. WOODWARD, Ph.D.

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Dean of the Summer Session

Supervisor of Graduate Work in Education

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Professor of Psychology

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Professor of Zoology and Entomology

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(Wind Instruments)

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J. MARINUS JENSEN, A.M.

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Associate Professor of Economics

MURRAY O. HAYES, Ph.D.

Associate Professor of Geology

*On leave of absence.

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*Associate Professor of Modern Languages
Dean of College of Fine Arts*

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Assistant Professor of Elementary Teaching

IDA SMOOT DUSENBERRY, B.Pd.

Assistant Professor of Elementary Teaching

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Assistant Professor of Finance and Banking

HERMESE PETERSON

Assistant Professor of Elementary Teaching

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*Assistant Professor of Education
Principal Secondary Training School*

LOWRY NELSON, M.S.

*Director Extension Division
Assistant Professor of Sociology*

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Assistant Professor of Mechanic Arts

THOMAS C. ROMNEY, M.A.

Assistant Professor of History

HARRISON R. MERRILL, B.S.

Assistant Professor of English

FRANKLIN MADSEN, A.B.*

Assistant Professor of Music

MILTON MARSHALL, Ph.D.

Assistant Professor of Physics

ELIZABETH CANNON, B.S.

Assistant Professor of Foods and Nutrition

EMMA BROWN, A. B.

Assistant Professor of Elementary Teaching

*On leave of absence.

THE FACULTY

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Assistant Professor Educational Administration

JOHN E. HAYES, B.S.

Registrar

ANNA OLLORTON, A.B.

Acting Librarian

ANNIE L. GILLESPIE

Library Cataloguer

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Instructor in English

NETTIE NEFF SMART

Dean of Women

PERCIVAL P. BIGELOW

Instructor in Auto Mechanics

ELMER NELSON

Instructor in Piano

BERTHA ROBERTS

Instructor in Office Practice

FRANKLIN Y. GATES, B.S.

Instructor in Chemistry

NEWBERN I. BUTT, B.S.

Instructor in Research Division

EFFIE WARNICK, B.S.

Instructor in Household Administration

ED. M. ROWE, A.B.

Instructor in English

CARL J. CHRISTENSEN, M.S.

Instructor in Physics and Mathematics

THE FACULTY

ANNA EGBERT, B.S.*

Instructor in Dramatic Art

WILMA JEPSON

Instructor in Physical Education for Women

A. REX JOHNSON, B.S.

*Instructor in Office Practice
In Charge of Stenographic Bureau*

• LAVAL S. MORRIS, B.S.

Instructor in Horticulture

BRIANT L. DECKER, A.B.

Instructor in Botany

WILLIAM F. HANSON

Instructor in Music

LEROY J. ROBERTSON

Instructor in Music

REVA LEWIS, B.S.

Instructor in Clothing and Textiles

C. LAVOIR JENSEN

Instructor in Training School

RALPH E. BOOTH

Instructor in Violin

HANNAH C. PACKARD

Special Instructor in Vocal Music

MAUDE DIXON MARKHAM, A.B.

Instructor in English

ASAEI C. LAMBERT, B.S.

Instructor in Elementary Teaching

MYRTIE JENSEN, A.B.

Instructor in English

GEORGE S. BALLIF, A.B., J.D.

Instructor in Law

JOHN A. WATTS

Instructor in Geology

*On leave of absence.

MARGARET SUMMERHAYS

Instructor in Vocal Music

CHARLES J. HART, B.S.

Instructor in Physical Education and Athletics

FANNIE McLEAN, B.Pd.

Instructor in Training School

EVA M. HANSEN, M. S.

Instructor in Training School

HAZEL CLYDE

Instructor in Training School

LAPREAL BULLOCK

Instructor in Training School

MARY C. HAMMOND

Instructor in Training School

OLENA OLSEN

Instructor in Training School

RUBY JENSEN

Instructor in Training School

GEORGE W. FITZROY

Special Instructor in Piano

JOHN W. McALLISTER

Instructor in Public School Music

GLEN VAN WAGENEN, A.B.

Assistant in Music

HARVARD OLSEN

Special Instructor in Violoncello

ELLA LARSON BROWN

Assistant Librarian

BESSIE E. GOURLEY

Assistant in Art, Extension

RAYMOND RICHAN

Secretary Extension Division

BRIGHAM T. HIGGS

Superintendent of Buildings and Grounds

J. W. SAULS

Assistant Superintendent of Buildings and Grounds

STANDING COMMITTEES

The President is *ex-officio* a member of all committees.

Admission and Credits.—M. O. Hayes, John E. Hayes.

Aiding Graduates to Obtain Employment.—L. John Nuttall, Jr., K. B. Sauls, The Deans.

Alumni Directory.—A. Rex Johnson.

Athletics.—E. L. Roberts, H. R. Merrill, J. Wm. Knight, K. B. Sauls, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics.

Attendance and Scholarship.—Thos. C. Romney, E. M. Rowe, Nettie N. Smart.

Awards and Prizes.—T. L. Martin.

Campus.—L. S. Morris, Walter P. Cottam, E. H. Eastmond, C. Y. Cannon.

Care of Girls and Women's Activities.—Dean of Women, Margaret H. Eastmond, Wilma Jeppson, Lydia Hasler Candland, Myrtie Jensen.

Catalogue and Other Quarterlies.—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating.—Christen Jensen, J. C. Swenson, Wm. J. Snow, Elmer Miller, T. E. Pardoe.

Eligibility.—Milton Marshall, B. F. Larsen, J. E. Hayes.

Graduate Work.—C. Jensen, H. M. Woodward, T. L. Martin.

Graduation.—B. F. Cummings, V. M. Tanner.

Lectures and Musicals.—J. C. Swenson, Herald R. Clark.

Library.—Alice Reynolds, G. H. Brimhall, M. W. Poulson, W. J. Snow, Librarian.

Petitions.—A. N. Merrill, C. E. Maw, J. E. Hayes.

Publicity.—H. R. Merrill, Lowry Nelson, E. H. Holt, K. B. Sauls, E. L. Roberts, A. Rex Johnson, J. M. Jensen.

Schedule of Events.—K. B. Sauls.

Schedule of Classes.—E. H. Holt.

Social Affairs.—E. L. Roberts, Elmer Miller, Lowry Nelson, C. J. Hart, Wilma Jeppson, Dean of Women.

Student Accommodations.—F. Y. Gates, A. C. Lambert, A. Rex Johnson, J. A. Watts, Maude Dixon Markham, Dean of Women.

Student Aid and Employment.—H. V. Hoyt, Dean of Women.

Student Publications.—Lowry Nelson, Alfred Osmond, R. Maeser, E. H. Eastmond.

Brigham Young University

HISTORICAL

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its support, but in recent years an annual Church appropriation has been the chief source of its financial support.

The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank. The upper story of the building had been used for an amusement hall.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the stake tabernacle, a store, and the First National Bank building housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, a building adjoining the railroad station at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

From the warehouse the school moved into a \$75,000 brick building erected by the church with some assistance from the general public, the student body, the faculty, the alumni association and generous patrons. This building is now known as the Education building.

To the Education building was added the College building, the upper story of which is an assembly room known as College Hall. The College building was the gift of ten persons, whose names are found upon a marble tablet in a hall of the building. It was equipped by the alumni, friends, and the faculty.

The needs of the Training School were provided for by the erection of a three-story building, the upper story of which is used for a men's gymnasium. The cost of the structure was \$35,000, contributed by friends, chief among whom was "Uncle" Jesse Knight.

The Art building came to the institution by general subscription from the five stakes comprising at that time this academic district.

The Alumni Association, in honor of the father of the faculties, presented the institution with the Maeser Memorial. The cost of the building was \$112,000. The heating plant and furnishings were supplied by the Church.

The Iron Work building was erected and furnished by contributions.

The Women's Gymnasium, which is also a recreation building, was paid for by funds realized from judicious investments of the Board, and by Church appropriations. The building cost \$35,000.

The Mechanic Arts building came to the school through Church appropriations, as also did the new Heber J. Grant Library building on University Hill which will be ready for occupancy when the 1925-26 school year commences.

The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods. Here the trees which have grown into groves, the lawns, the flowers, and the shrubbery were planted by the students and the faculty. The putting in of paved walks was a joint effort of students and patrons. Among the patrons, the Jex family and Lafayette Holbrook deserve special mention.

Then came the purchase of University Hill. As early as 1904 steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. The remaining area, comprising the present campus of fifty-seven acres, was purchased by the University.

The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton H. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

The first credential granted by the institution was a teachers certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work.

For a brief period the Bachelor of Arts degree was issued for three years' work, but later standard college requirements were met, calling for four years' college work. Master degrees have been authorized for the past eight years.

The student body has beautified the grounds, dug sewer trenches, cleared forty acres of sage brush land, fenced the campus, built the track, erected the grandstand, equipped the Men's gymnasium, purchased the

point of University Hill, put the "Y" on the mountain side, paid for five acres of campus extension, built in the main the pony trail to Maple Flat, assisted in the building of the boulevard to Provo canyon, and has turned out en masse to help the farmers of the vicinity save their crops from the frost. It has also added many hundreds of volumes to the library.

Five of the ten persons who contributed to the erection of College building are members of the Alumni Association, as also are many of the purchasers of the tableted chairs in College Hall. The great feat, however, of the Alumni Association was the building of the Maeser Memorial.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established.

During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

October 17, 1921, a fund was established by the Relief Society of the Church in honor of Emeline B. Wells to be lent to worthy women of the upper college classes who need financial help in order to complete a college course.

January 25, 1922, a College of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Drafting, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork.

On April 21, 1925, the College of Fine Arts was established to include the departments of Art, Music, and Public Speaking and Dramatic Art.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. A College of Applied Science.
2. A College of Arts and Sciences.
3. A College of Commerce and Business Administration.
4. A College of Education.
5. A College of Fine Arts.
6. An Extension Division.
7. A Graduate Division.
8. A Research Division.

An Elementary Training School and a Secondary Training School are maintained in connection with the College of Education. Vocational courses are offered in the Secondary Training School for mature persons not ready for college work.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration.

Agronomy.

Animal Husbandry.

Art.

Botany.

Chemistry.

Clothing and Textiles

Drafting.

Economics.

Educational Administration.

Elementary Teaching.

English.

Finance and Banking.

Foods and Nutrition.

Geology and Geography.

History.

Horticulture.
Household Administration.
Library.
Mathematics.
Mechanic Arts
Modern Languages and Latin.
Music.
Office Practice.
Physical Education.
Physics.
Political Science.
Philosophy of Education.
Psychology.
Public Speaking.
Secondary Teaching.
Sociology.
Theology.
Zoology and Entomology.

CLUBS AND SOCIETIES

AGRICULTURAL CLUB

This is an organization consisting of all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Meetings are held every alternate Wednesday afternoon. Social functions in conjunction with the Foods and Nutrition department are featured during the year.

ART SERVICE CLUB

This organization has been established for the benefit of students having special talent in any particular phase of fine and applied art. Students become life members on entrance and remain such as long as advancement is shown by them. During the year, lectures on practical topics in connection with arts and crafts are given by members of the faculty, and other

recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization. Various projects for developing an appreciation of professional expression are promoted.

ART SUPERVISION ASSOCIATION

This organization consists of the normal students of fine and applied arts, who have been graduated by this institution; also of prospective graduates in these lines. The purpose is the special advancement of this particular line of educational work.

B. Y. U. WOMEN'S ORGANIZATION

This organization consists of the women who are teaching in the University, and the wives of faculty members. Its purpose is to foster the ideals of the institution and to help furnish wholesome recreation and social amusements for the faculty.

THE DRAMA LEAGUE

The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the State as well as those who are on the lecture platform and the stage. The society meets twice a month, and is affiliated with the Drama League of America.

FRENCH, SPANISH, AND GERMAN CLUBS

Teachers and students interested in the study of French or Spanish or German are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. These gatherings afford more freedom and informality than the work of the classroom. The clubs are in the fullest sense student organizations. Membership is open not only to

students but also to all people within easy reach of the University who have studied or are studying the modern languages. A splendid opportunity is afforded for enjoying the true foreign atmosphere. Membership privilege is especially extended to people of the community of French, German or Spanish or Spanish-American birth.

HOME ECONOMICS CLUB

This club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Social activities are fostered. All girls registered in Home Economics courses are eligible for membership.

THE LITERARY CLUB

The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

THE MUSIC SOCIETY

This society meets conjointly with the Drama League and alternately furnishes programs of varied musical importance. Leading musicians of the State will augment local talent in producing some of the world's greatest music. Membership in this society entitles admittance to all Drama League activities.

YOUNG COMMERCE CLUB

This club is a student organization devoted to the development of good fellowship among the business students. Luncheons and programs are given at regular intervals during the school year at which prominent

business and professional men of the inter-mountain country are the principal speakers. All students of the College of Commerce and Business Administration are eligible for membership.

ALPHA DELTA

A commerce fraternity. Those who have thirty-five hours in strictly commerce subjects are eligible to membership.

TAU KAPPA ALPHA

Honorary national debating fraternity. Those who make the intercollegiate debating teams are eligible to membership.

THETA ALPHA PHI

National professional dramatic fraternity—co-educational.

THE GRADUATE CLUB

This club is an organization of the students of the Brigham Young University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

LYCEUM COURSE

For many years the University has maintained a lyceum course which has brought to the school distinguished artists and lecturers from America, England, and other parts of the world. During the past year the following appeared on the course:

Lambert Murphy, tenor; Ruth Bryan Owen; Metropolitan Quartette; Alton B. Packard, Cartoonist; Irene

Stolofsky, violinist; Ralph Parlette; Charlotte Perkins Gillman; Edmund Evans; Maud May Babcock; Dean Seashore.

SCHOLARSHIPS AND AWARDS

Maria Y. Dougall Scholarship.—A scholarship for girls, representing the annual entrance fee.

Eliza A. Woolacott Scholarship.—A scholarship for girls, representing the annual entrance fee.

Whitmore Scholarship.—G. M. Whitmore of Nephi, gives an annual scholarship of \$100.00 for the First National Bank of Nephi, to some worthy student selected by the College of Commerce faculty. In awarding this scholarship preference is given to applicants from Nephi, Levan, Mona and Fountain Green.

McDonald Scholarship.—J. G. McDonald of Salt Lake, gives an annual scholarship of \$100.00 for the McDonald Chocolate company, to some worthy student selected by the College of Commerce faculty.

Firmage Scholarship.—This scholarship is given by J. L. Firmage of the Firmage chain of J. C. Penney Stores and manager of the J. C. Penney store of American Fork. The award consists of \$100.00 to be given to some worthy student selected by the College of Commerce faculty. In awarding this scholarship preference is to be given to applicants from the Alpine School District.

Firmage Band Scholarships.—For the encouragement of worthy students interested in Band Music. J. L. Firmage has established, also, two band scholarships of \$50.00 each.

Beck Band Scholarship.—To assist worthy students in the line of Band music, Dr. J. Karl Beck of Provo has established an annual scholarship of \$50.00.

Annual Commercial Contest Scholarships.—Two scholarships are awarded to the winners of the shorthand and typewriting events in the contest held at the University each year for high school students.

Provo Chamber of Commerce Medal.—The Provo

Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal.—Mrs. Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal.—Mr. and Mrs. Walter Adams present annually a gold medal to the student who renders best two selected compositions on any stringed instrument other than the piano. One selection is to be by an American composer, the other by a recognized artist.

The Taylor Gold Medal.—Mr. Lester R. Taylor presents annually a gold medal to the student who renders best a piano selection, the composition to be by a recognized artist.

The Pardoe Gold Medal.—Professor and Mrs. T. Earl Pardoe present annually a gold medal to the student rendering the best selection on any wind instrument. One selection is to be by an American composer, the other by a recognized artist.

The Woolley Gold Medal.—Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Anderberg Gold Medal.—Anderberg, Inc., offers annually a gold medal for the most efficient athlete. Efficiency is based upon participation in athletics, scholarship, and social activity.

The Sina N. Chipman Gold Medal.—Mrs. Sina N. Chipman offers annually a gold medal to the registered art student for the best painting of Mount Timpanogos.

The Talmage Prize.—Dr. James E. Talmage offers a cash prize of twenty-five dollars to the student who writes the best essay on some religious topic.

The Noble Medal.—A gold medal presented each year to the most efficient student enrolled in the Department of Home Economics. The donor, Mrs. Hazel Nora Noble Boyack, stipulates that the award be given to a girl in the senior college.

The George Leven Gold Medal is presented annually for excellence in oratory. Mr. Leven of the Hub Clothing Company stipulates that the subject should be on problems of world peace.

The R. R. Irvine Gold Medal is presented annually for excellence in oratory, subject to be based on some economic problem.

The Sophomore Class, 1921, Gold Medal is awarded annually for excellence in vocal art.

The Provo Drama Center, Mask Award.—A prize of twenty-five dollars is given each year to the best one-act play of merit, on a Western or pioneer theme.

Alpha Delta Ring.—The Alpha Delta fraternity awards annually a ring to the most scholarly student of the College of Commerce during the autumn and winter quarters.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: **Graduation with Honor**, and **Graduation with High Honor**.

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of **Graduation with Honor** a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of **Graduation with High Honor** a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the number of students graduating. In the event that

more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½", and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards shall be made at the annual commencement exercises.

Term Honors.—The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors), and the five junior college students (freshmen and sophomores) who have received the highest grade in class work during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B".

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund.—In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Dean's Council.

Student Loan Fund.—The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund

is under the supervision of the Dean's Council.

Harmon Foundation Student Loan Fund.—The Brigham Young University has been chosen by the Harmon Foundation as one of the limited number of colleges in the United States whose students may receive assistance in financing their education. Juniors and Seniors, up to a given number each year may borrow money from this fund. The interest is to be paid semiannually, and the principal is to be paid in monthly installments beginning one year after graduation. Should the student discontinue school before graduation, the monthly installments are to begin three months after leaving school. The Harmon Foundation is a strong financial organization now rendered financial assistance to students in many of the colleges in the United States. A faculty committee represents the University in making these loans.

THE STUDENT BODY

This organization encourages and unifies the activities of the students in their interclass competitions, their competitions with other schools, and in their efforts to advance the interests of the University. Through this organization the students publish the school periodicals and also the University year book, the "Banyan." The forensic activities of the students are fostered by and are under its management. The organization also functions as an auxiliary of the school discipline.

Associated Women Students.—This is an organization comprising all girls registered in the Institution. Its president is vice-president of the Student Body and its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the national organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

STUDENT BODY PRIZES AND AWARDS

The Jex Gold Medal is awarded annually for the

best patriotic oration. This medal is presented by the Jex family.

The Kirkham Medal, a gift of Francis W. Kirkham, to those who win their inter-collegiate debates.

The Dixon Silver Cup, is presented for the best extemporaneous speech. It is given annually by Mr. Rulon Dixon.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should any student win first place more than twice, the cup becomes the permanent property of the individual.

ACCOMMODATIONS

The University emphasizes the value of home life and the people of Provo have shown great educational patriotism in providing for the comfort and convenience of students. The standing committee of the Faculty on Student Accommodations about two weeks before the opening of school will prepare a list of available lodging places. The boarding houses are inspected to see that accommodations are satisfactory. The University insists that boys and girls be housed separately. If students desiring accommodations will call on the committee when they arrive in Provo they will be directed to the kind of place they wish.

The price of accommodations at private homes varies as it does at hotels and rooming houses, the rate depending upon what the student wants and his willingness to pay.

Provo is a city of modern homes. Its sidewalks and business centers are paved and no one need fear a lack of accommodations within easy access of the University.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest

freedom. Those who fail to conform to these standards either in personal habits or association are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violation of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work, and all absences therefrom must be explained to the instructors concerned. The Committee on Attendance and Scholarship has general supervision of the disciplinary work of the institution. Students who are not doing satisfactory work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his university office during scheduled office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious disease, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for materials used.

DEAN OF WOMEN

The Dean of women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

LIBRARY

The University Library contains about 40,000 volumes and 35,000 pamphlets and bulletins. Besides being a Government Depository, it is regularly supplied with public documents from many of the states, and the publications of the Carnegie Peace Foundation, the Carnegie Institution of Washington and many other technical organizations. It maintains its own book bindery.

The Library is open each school day during the regular school year from 8 a. m. till 10 p. m.; on Saturdays from 10 a. m. till 4 p. m.; and during the summer session from 7:30 a. m., till 8 p. m.

GENERAL REQUIREMENTS FOR UNDER-GRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must present evidence in the form of an official transcript of credits that he has completed fifteen units of approved high school work; or he must pass an examination in a sufficient number of subjects to make fifteen units. In either case he must offer among his credits the following:

English	3 units.
A principal group	3 or more units.
A secondary group	2 or more units.

The principal and secondary groups may be selected from the following:

(1) Mathematics, (2) Science, (3) Social Science and History, (4) Industrial Arts and Commerce, (5) Modern Languages, (6) Music, Fine Art, and Public Speaking.

Beginning with the school year 1926-1927, the principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official

transcript of credits on or before the day or registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed fifteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements, but who is carrying fewer than ten hours of work will be designated as a special student.

FEEES

College and Graduate Students:

For regular school year, -----	\$45.00
For two terms, -----	40.00
For one term, -----	35.00
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Withdrawal fee, -----	1.00
Student Activity fee, -----	10.00

Secondary Training School Students:

Senior High School, (10th, 11th, 12th grades)	30.00
Activity fee, -----	7.50
Junior High School, (7th, 8th, 9th grades) --	15.00
Activity fee, -----	2.50

Elementary Training School Students: (1st to

6th grades) -----	10.00
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The Student Activity Fee provides free general ad-

mission to all athletic contests, to all lyceum numbers, and to the regular student body parties. This fund is used, also, to aid in publishing the Y News and to finance the activities and projects of the student body organization.

Graduation Fees—Degrees, \$10.00; Diplomas, \$5.00.

Late Registration Fee—After the first week of each term, \$1.00 extra is charged for late registration.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

(a) Lower Division.

(b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100." Graduate credit may be given for certain upper division courses. Such courses are indicated by an asterisk.

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirements for graduation should be kept in mind in electing studies. Physical Education 11, 12 and 13 are required of Freshmen. Sixteen hours of credit a quarter (which in the case of Freshmen must include physical education) is the amount of work to be elected. Permission to register for additional work can be secured through petition only.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise.

Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-four hours credit and fewer than ninety at the beginning of the school year, will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five, at the beginning of the school year, will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours' credit at the beginning of the school year, will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examinations for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

A condition in any course of study must be removed within one year after such condition is incurred; otherwise the course must be retaken in class or a special examination taken, if credit is desired.

A fee of one dollar per credit hour is charged for all special examinations.

GRADUATION

GENERAL REQUIREMENTS

Before a student can be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered.

At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

At least sixty hours of upper division work must be offered by students applying for graduation.

The number of hours of credit designed by "A" and "B" grades presented by each candidate shall at least equal the number of hours designated by a "D" grade.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer School and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation. A candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements for graduation and to pass on candidates.

BACHELOR DEGREES

University Requirements.—Each candidate must meet the general requirements with respect to registration, residence, and scholarship and must also secure credit in approved courses amounting to one hundred eighty-three hours of college work.

Prescribed Courses.—Each candidate must furnish credit in English 1, 2, and 3, and Physical Education 11, 12, and 13. The candidate for the Bachelor of Arts degree must have at least 24 hours credit in a foreign language.

Group Requirements.—The group requirements shall be as follows:

- a. Mathematics and Physical Science. (Astronomy, Chemistry, Geology, Geography, Mathematics, Physics)—15 hours.
- b. Biological Science. (Botany, Physiology, Hygiene, Health Work, Sanitation, Zoology and Entomology)—10 hours.
- c. Social Science. (History, Political Science, Sociology, Economics, Psychology)—15 hours.
- d. English, 15 hours, including English 1, 2, and 3.
- e. Each dean may require a student to register for 15 additional hours of work, the course to be selected by the dean according to the needs of the respective students.

Major Requirements.—Not later than the beginning of his Junior year a student should have selected some department in which he plans to do his major

work. At the time of graduation he must have completed not fewer than thirty hours of work in this department, which must meet the conditions prescribed by the major professor.

Minor Requirements.—Each candidate must present twenty hours in one or more subjects chosen with due regard to the student's program of work and approved by the dean as collateral or minor work.

GRADUATE DIVISION

Character of Graduate Work.—The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration.—The registration of all students taking work for an advanced degree is to be made through the Committee on Graduate Work.

Students holding a Bachelor's Degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If at the end of any quarter of the senior year a student has so far completed the requirements for the Bachelor's Degree that the course of study for the next quarter is not complete he may register, with the consent of the Committee on Graduate Work, for sufficient graduate work to complete his program.

Admission to graduate courses is granted only to those who have had the requisite undergraduate work in those courses or departments. In order adequately to determine this fact a student should file with the Committee on Graduate Work an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Committee on Graduate Work for approval.

Changes in registration can only be made with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such course.

Graduate students who are specializing in Education will be under the direction of the Supervisor of Graduate Work in Education. Other graduate students will be under the supervision of the major professor of the department in which they are majoring.

Admission to Candidacy.—Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more, whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Committee on Graduate Work.

Requirements for the Master's Degree.—The Master's Degree (Master of Arts, M. A., or Master of Science, M. S., dependent upon the kind of undergraduate degree) may be granted to a student admitted to candidacy upon the completion of the following requirements: (a) The candidate must have been in actual residence in the University at least one-half of a school year after securing a Bachelor's Degree, and must furnish 48 hours of graduate credit in addition to 183 hours of college credit, and 15 units of high school credit. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent

research. The thesis must be accepted by the head of the major department and two other persons selected by him, and must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination given by an examining committee, which shall consist of seven members including the three members of the graduate committee, the major professor, the dean of the college in which the major department is, the remaining members to be selected by the committee on graduate work.

At least one member of this committee shall be present and preside at any examination given for a higher degree. The candidate shall furnish complete copies of his thesis to his major professor and to the chairman of the Committee on Graduate Work within five days of the final examination. (d) A bound type-written or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the chairman of the Committee on Graduate Work a receipt to this effect from the Librarian. (e) Courses not listed as graduate work may not be used for a higher degree without the consent of the head of the department concerned and the Committee on Graduate Work. A candidate for a Master's Degree must secure a grade of "B" or above in three fourths of his graduate work. No grade below "C" will count toward a Master's Degree. An applicant for this degree must furnish at least one-half of his graduate credit in his major department. The rest of the credit for this degree may be offered in one or two minor departments closely related to the major department unless the Committee on Graduate Work permits a different arrangement of program.

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and tech-

nical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

Majors and minors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Foods and Nutrition, Clothing and Textiles, Household Administration, Drafting, Auto Mechanics, Woodwork.

The work offered will be of standard collegiate grade and upon completion of the required amount of study in fundamental subjects, specialized courses, and related work a student may be granted the degree of Bachelor of Science or Bachelor of Arts.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, or law; or who desire to train for religious, political, or social leadership. Preparation for original investigation in the fields of science is emphasized. Students who wish to build a foundation for advanced degrees will find this College rich in opportunity.

Students may select their majors and minors from any of the following departments in the College of Arts and Sciences: Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern Languages and Latin, Physical Education, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The Degrees Bachelor of Arts and Bachelor of Science are given to graduates of this College.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

The purpose of the College of Commerce and Business Administration is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions for efficiency in office administration and for the demands of the industrial and financial world. The Degrees Bachelor of Science and Bachelor of Arts are given to graduates of this College.

Majors and minors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Economics, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The departments of academic instruction and the training schools.

The following departments are at present organized: Elementary Teaching, Philosophy of Education, Psychology, Educational Administration, Secondary Teaching.

In addition to the foregoing departments for major and minor in the College of Education, students of this College may take a teaching major of thirty quarter

hours in any department of the University, provided they take, also, at least thirty-six hours in professional educational subjects, nine hours of which may be in such allied subjects as Sociology, Ethics, Civics, Logic, and Health Education.

Training Schools.—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for elementary school work; second, a secondary training school, which offers training in the six years of the high school, and gives ample opportunity for practice teaching to advanced students.

The Degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

RECOMMENDED COURSE SEQUENCES

Students Majoring in Elementary Teaching

1. Regular freshman and sophomore courses leading to the normal diploma.
2. Psychology 74, Psychology 75, Elementary Teaching 60 in junior year.
3. Elementary Teaching 61, 62, 63, Educational Administration 75 and 80 in senior year.

Students Majoring in Secondary Teaching

1. In freshman and sophomore years a teaching major should be planned and the following courses taken: Philosophy of Education 36 and Psychology 11.
2. Psychology 74, 75, or 77, Secondary Teaching 81 Educational Administration 46, 73, Philosophy of Education 87, or other electives in Secondary Teaching in junior year.
3. Secondary Teaching 51, 52, 53, 54 and electives in Secondary Teaching in senior year.

Students Majoring in Educational Administration

1. In freshman and sophomore years regular group requirements should be taken with Philosophy of Education 36, Psychology 11, and Elementary Teach-

ing 5. It is better to take a regular teaching course and have teaching experience before majoring in Educational Administration.

2. Educational Administration 73, 60, 61, 62, 63, or Psychology 74, 75, in junior year.

3. Educational Administration 75, 80, 111, 112 in senior year.

Students Majoring in Philosophy of Education

1. In freshman and sophomore years regular group requirements should be taken with Philosophy of Education 36.

2. In junior year, Psychology 74, 75, Philosophy of Education 81, 86, 84, 74, and 72.

3. Senior year, Philosophy of Education 85, 87, 88, 89, 92, 96.

Special Teaching Courses

Elementary teachers are expected to take a two-year course leading to the normal diploma which is granted to students registered in the College of Education, who complete two years of college work including English 1, 2, and 3, and the following technical courses in teaching: Elementary Teaching 1, four hours; Psychology 21, four hours; Zoology 20, three hours; Elementary Teaching 12 and 13, eight hours; either Elementary Teaching 6 and 7, 8 and 9, or 10 and 11, six hours; Physical Education, three hours; Elementary Teaching 5, three hours, and enough electives to make a total of forty hours in education.

The proper sequence for these courses is as follows:

Freshman year, Elementary Teaching 1, Psychology 21, Zoology 20, Elementary Teaching 12, 13; English 1, 2, 3; Physical Education.

Sophomore year, Methods, Elementary Teaching 16, Elementary Teaching 5.

This diploma is an endorsement of the student's fitness to teach in the elementary schools and will enable the student to secure a first class certificate from the state. Because of the size of the training school only

a limited number of students can receive training each year.

Junior high school teachers are expected to complete three years of college work including the same special requirements made of senior high school teachers.

Senior high school teachers are expected to complete a teaching major of 30 hours in one of the departments of the university and the following technical work in education, or its equivalent:

Zoology 20 (Health Education), Sociology or Ethics, 5 hours; Economics or Political Science 5 hours; Philosophy of Education 81 (Science of Education); upper division Educational Psychology, 5 hours; Secondary Teaching 51, (Methods); Secondary Teaching 52, 53 (Organization and Administration); Secondary Teaching 54 (Training); and electives in education to make 27 hours in professional educational courses.

Such a course will qualify the student for a Utah State Professional High School Certificate.

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of the fine arts.

At present the following departments are fully organized: Art, Public Speaking and Dramatic Art, and

Vocal and Instrumental Music. Majors and minors may be selected from the work offered by these departments. Graduates of this college may receive the Degree of Bachelor of Arts or Bachelor of Science.

THE EXTENSION DIVISION

It is estimated that only one citizen out of every hundred has the opportunity of attending college. Yet it is assumed to be the privilege in a democracy of citizens to have equal opportunities. To make it possible for as many as desire to take advantage of the educational facilities of the state and church, the Extension Division has been created. Regular academic courses are given by correspondence and by the extension class method. In addition, popular courses are provided, which may be chosen by those who have not had the necessary preliminary training to pursue courses leading to a degree. It is also the ambition of the Extension Division to furnish specialist assistance in social and recreational leadership, teacher training, and general community leadership.

Courses of Instruction

ACCOUNTING AND BUSINESS ADMINISTRATION

*Professors Hoyt, Eastmond, Poulson, Eyring; Associate Professors
Miller, Hayes; Assistant Professors Clark, Marshall,
Mr. Johnson, Mr. Bushman*

Lower Division Courses

1. **Elementary Accounting.**—Function of accounts; profit and loss statement; books of original entry; controlling accounts; accounts peculiar to single proprietorships, partnerships, and corporations. Autumn, Daily (two consecutive hours) 2:30-4:30. Three hours credit. Clark, and _____.

2. **Elementary Accounting.**—Continuation of Course 1. Winter. Daily, 2:30-4:30. Three hours credit. Clark, and _____.

3. **Elementary Accounting.** — Continuation of Course 2. Spring. Daily, 2:30-4:30. Three hours credit. Clark, and _____.

4. **Intermediate Accounting.**—Primarily a study of corporation accounting with special emphasis placed on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 1, 2 and 3, or the equivalent. Autumn. Daily, 10:30. Four hours credit. Clark.

5. **Intermediate Accounting.** — Continuation of Course 4, Winter, Daily, 10:30. Four hours credit. Clark.

6. **Intermediate Accounting.** — Continuation of Course 5. Spring. Daily, 10:30. Four hours credit. Clark.

14. **Commercial Art.**—Show card writing; poster

art; advertising arrangement. Psychology of line, form and color. Autumn. One or two hours credit. Eastmond and Bushman.

15. Commercial Art.—Continuation of course 14. Recitation and laboratory work. Winter. One or two hours credit. Eastmond and Bushman.

16. Commercial Art.—Continuation of course 15. Recitations and laboratory work. Spring. One or two hours credit. Eastmond and Bushman.

18. Process Illustration.—Methods of drawing and painting for illustration. Drawing of the various process methods for modern engraving. Practical illustration. Prerequisite, Art 7 and 14. Winter. Two hours credit. Eastmond.

21. Personal Efficiency.—The purpose of this course is to train the student at the beginning of his college course to apply the fundamental principles of efficiency to his own life's work and also to give the student a mental picture of processes which inspire individuals to achieve the desirable things of life. A study will be made of the ideals and motives which stimulate action and development. The student will be given instruction in the proper distribution and utilization of his time and energies together with practice in scheduling, planning, and standardizing his work and time. Autumn. T. Th. 1:30. Two hours credit. Hoyt.

22. Marketing and Advertising.—A study of the fundamental principles of marketing and advertising of raw and manufactured products, the object being to familiarize the student in general with fundamental principles of marketing and advertising. Designed to prepare the student for the advertising or merchandizing field. Autumn, M. W. F., 10:30. Three hours credit. Hoyt.

24. Advertising and Salesmanship.—Primarily a

continuation of Course 22, dealing principally with salesmanship and advertising. Winter, M. W. F., 10:30. Three hours credit. Hoyt.

25. Marketing Problems.—Primarily a continuation of Course 22, dealing principally with practical marketing problems and market analysis. The object is to develop the student's ability to analyze and solve problems which confront sales managers and advertising agencies. Spring, M. W. F., 10:30. Three hours credit. Hoyt.

30. Commercial Geography.—See Geography 30. Hayes.

38. Office Management.—See Office Practice 38. Johnson.

42. Business Psychology.—A study of the application of experimental psychology to advertising, salesmanship, vocational efficiency, etc. Primarily for students in the College of Commerce and Business Administration. Prerequisite, Psychology 11 or its equivalent. Winter, M. W. F., 8:30. Three hours credit. Poulson.

Upper Division Courses

* **50. Elementary Cost Accounting.**—The purpose of this course is to familiarize the student with the fundamental principles of cost accounting, including a study of the various methods of accounting for overhead, labor, and material. A study is made of the application of uniform cost systems, together with the requirements in the way of costs for various kinds of industries. Students are advised to take course 61 with this course. Courses 4, 5 and 6 in this department are prerequisites. Autumn, 9:30. Four hours credit. Hoyt.

* **51. Advanced Cost Accounting.**—This course is a continuation of course 50. Considerable individual

field work will be required, together with the design of cost systems for various types of industries. Winter, 9:30. Four hours credit. Hoyt.

* 52. **Accounting Systems.**—This course is designed to prepare the student for entering the field of industrial or efficiency engineering as installers of accounting systems or as executives for industrial concerns. Students will be required to do a large amount of individual field work and actually design cost accounting and bookkeeping systems suitable for manufacturers and business concerns. Course 41 a prerequisite. Spring, 9:30. Four hours credit. Hoyt.

* 53. **Auditing and Federal Tax Procedure.**—This course has for its object the training of students who desire to become either public accountants or chief accountants for large corporations. Emphasis will be laid on the principles and practices involved in public accounting work. Ample opportunity will be afforded for the student to get practical experience by auditing the books and federal tax returns of various business concern of Utah. Courses 4, 5, and 6, are prerequisites. Autumn. M. W. F., 8:30. Three hours credit. Hoyt.

* 54. **Auditing and Federal Tax Procedure.**—Continuation of Course 53. Winter, M. W. F., 8:30. Three hours credit. Hoyt.

* 55. **Accounting Problems.**—This course is designed to familiarize students with the solution of advanced accounting problems. Emphasis will be laid on American Institute of Accountants' Examination problems. Courses 53 and 54 prerequisites. Spring, M. W. F., 8:30. Three hours credit. Hoyt.

56. **Mathematical Theory of Investments.**—This course deals with the application of mathematics 13 to general business problems, annuities, amortization, capitalization, building and loan associations, depreciation, sinking fund, and bond values. It is designed particularly for those who are intending to enter the

field of accounting and business administration. This course should precede or be taken along with accounting and business administration 55. Prerequisite, Mathematics 13 or its equivalent. Spring, M. W. F. 10:30. Three hours credit. Marshall.

61. Industrial Management.—The purpose of this course is to familiarize students with the more recent trends in management policies and practices as used by executives. A general study is made of industrial problems—factory layouts, plan of work, production control, administration policies, etc. A survey of local and state industries, and possibilities for their expansion and development will be made. Autumn, 1:30. Three hours credit. Miller.

62. Personnel Management.—A study of modern practices and development in the scientific adjustment of the relations of employer and employee. This course places emphasis on right human relations in industry. Such problems as labor supply, labor turnover, promotion policy, trade tests, job analysis, etc., are studied. The significance to management of scientific labor control will be stressed. Winter. 1:30. Three hours credit. Miller.

* **75. Business Statistics.**—This course deals with the fundamental principles of statistics and statistical indices and units. Students will be aided in making an investigation in some chosen field with a view of determining how far statistics may be used for foretelling general business conditions, as well as conditions which effect agricultural and other important industries. The object is to acquaint the students with the various primary statistics which are indices to future conditions. Spring, T. Th., 2:30. Two hours credit. Hoyt.

81, 82, 83. Commercial Art and Illustration.—Poster designing and lettering. Systems of lettering. Sign writing in various mediums. Historic alphabets. Prerequisites Accounting and Business Administration, 14, 15, 16. Autumn, Winter, Spring, M. W. F., 1:30. Two hours credit. Eastmond.

Graduate Courses

101-102-103. Research in Marketing and Advertising.—These courses are designed to afford work of an advanced nature to those students who have had sufficient preparation, and who are desirous of specializing and gaining greater familiarity with marketing and advertising problems. Ample opportunity will be afforded students to get some practical experience by working out the problems of some representative business firms. Hours and credit to be arranged to suit the individual needs of the student. Hoyt.

110-111-112. Research in Accounting.—The purpose of this courses is to afford students an opportunity to intensify in the field of accounting with a view of preparing for the C. P. A. examinations. The work will be laid out and supervised in such a way that the student will be able to make the most out of his time and application. Hours and credit to be arranged to suit the individual needs of the student. Hoyt.

AGRONOMY

Professor Martin, Mr. Hart

Lower Division Courses

1. Crop Production.—A course designed for freshmen desiring to major in Agronomy. It takes in the problem of how crops grow. A study is made of the weeds detrimental to crop growth, and methods of control. The aim of the course is to make the subject matter practical and to show the need for more scientific study in order to make real fundamental progress

in soil management. Autumn. T. Th., 9:30. Two hours credit. Martin.

2. Crop Production.—A continuation of course 1. A discussion of what constitutes a profitable farming system for the irrigated farms of the western states. Winter T. Th. 9:30. Two hours credit. Martin.

21. Root Crops.—Sugar beets and potatoes receive special emphasis. Seed selection, testing, discussion of experiment station results, etc. Autumn, M. W. F., 10:30. Laboratory period, 1:30-4:30 M. Four hours credit. Martin.

22. Cereal Crops.—Selecting, grading, judging, and methods of production are studied. Special emphasis will be placed upon a review of the results obtained at the various experiment stations throughout the world, the aim being to gain, not only theoretical material but much practical information obtained at great cost by the scientific investigators. Winter. M. W. F., 10:30. Laboratory period 1:30-4:30, M. Four hours credit. Martin.

23. Forage Crops.—History, cultivation, experiment station results, etc. Spring. Lectures M. W. F., 10:30. Laboratory period 1:30-4:30. M. Four hours credit. Martin.

Upper Division Courses

51. Soil Physics and Geology.—This course deals with the physical and chemical composition of soils, soil formation processes, classification of soils, soil colloids, chemical and physical properties of soil, dry farm, irrigation, and drainage problems. Autumn. M. W. F., 9:30. Laboratory period Th. 1:30-4:30. Four hours credit. Martin.

52. Soil Fertility.—This course deals especially with availability of soil nutrients, alkali soils, soil bacteria, farm manures, green manures and crop rotation.

Winter. M. W. F., 9:30. Laboratory period Th. 1:30-4:30. Four hours credit. Martin.

53. Soil Survey and Management.—A study of the meaning and methods of soil surveys. Plane table work, soil judging, crop adaptations, and cultural practices on various soil types receive attention. Spring. M., 9:30. Laboratory periods T. Th., 1:30-4:30. Three hours credit. Martin.

61. Farm Management.—This course takes up the general consideration of farm management, types of farming, organization of farm business, soil management factors, sources of profit and loss, farm management surveys, etc. It is suggested that the following courses: Economics 11, 12; Horticulture 1, 2; Animal Husbandry 2, 21; Agronomy 21, 22, and 23 precede the courses in farm management. Three hours credit. Autumn quarter. 8:30. Hart.

62. Farm Management.—A continuation of course 61. Three hours credit. Winter quarter. 8:30. Hart.

63.—Farm Management.—A continuation of course 62. Three hours credit. Spring quarter. 8:30. Hart.

64. Agricultural Economics and Marketing.—Emphasis will be placed on the marketing of agricultural products. A course intended to meet the needs of the agricultural men of the state for more efficient marketing of agricultural produce. Two hours credit. Autumn quarter. 8:30. Hart.

65. Agricultural Economics and Marketing.—A continuation of course 64. Two hours credit. Winter quarter. 8:30. Hart.

66. Agricultural Economics and Marketing.—A continuation of course 65. Two hours credit. Spring quarter. 8:30. Hart.

67. Teaching of Agriculture.—A course supple-

menting Secondary Teaching 51, designed especially for students preparing to teach agriculture in the high school. It will take the place of two of the four hours of education electives required by the State for high school certification. Topics such as, what to teach, how to teach, laboratory equipment, field study technique, Smith-Hughes methods in agriculture, use and abuse of textbooks, etc., will receive considerable discussion. Required of all seniors expecting to teach agriculture. Two hours credit. 8:30 T. and Th. Autumn. Martin.

Graduate Courses

101. Advanced Soils.—An advanced lecture course designed to acquaint the soil specialist with soil work, workers, and particularly with recent papers. Winter T. Th., 8:30. Two hours credit. Martin.

102a. Soil Bacteriology.—Prerequisite. Botany 21 and Agronomy 52. A lecture course designed to acquaint the student with bacteria in relation to soil fertility. A study will be made of ammonification, nitrification, nitrogen fixation, relationships existing between factors influencing that relationship. Spring. M. W. F. 8:30. Three hours credit. Martin.

102b. Soil Bacteriology.—A laboratory course to accompany course 102a. It will consist of a study of methods used in bacteriology investigation. Prerequisites, Botany 21 and Chemistry 6. Spring. W. F., 1:30-4:30. Two hours credit. Martin.

103. Seminar.—Current agronomic literature, agricultural problems. Assigned topics will be discussed in the form of a round table discussion. Required of all seniors and graduate students in agronomy. Martin and Hart.

104. Research.—Open to properly qualified graduate students. Seniors specializing in agronomy may elect research work from three to five hours. Time and credit to be arranged. Martin and Hart.

ANIMAL HUSBANDRY*Associate Professor Cannon***Lower Division Courses**

1. **Elementary Stock Judging.**—This course consists of a study of the market types and classes of live stock. Field trips will be made to the various farms of the county where practice in scoring and judging of animals will be done. Autumn. Three periods of three hours a week. Three hours credit. (Not given this year.)

2. **History of Breeds.**—All the breeds of live stock will be studied. Especial emphasis will be directed to the condition under which the breeds were formed, the men who did the work and the adaptability of the breeds to western conditions. Autumn. Five hours credit.

3. **Horse Husbandry.**—This course is a consideration of the types and breeds, care, feed, and management of horses. Their origin, development, adaptability to western conditions, and common ailments will be carefully considered. Winter. Two hours credit (Not given this year.)

4. **Beef Cattle Husbandry.**—This course is a consideration of the types and breeds, feed, care and management of beef cattle for western conditions. The student will be made familiar with the animals by frequent field trips. Winter. Two hours credit.

5. **Sheep Husbandry.**—Types and breeds of sheep will be reviewed, followed by a study of the management, care and feeding of sheep, both on the range and on the farm. Spring. Two hours credit. (Not given this year.)

6 **Swine Husbandry.**—Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming. Winter. Two hours credit.

21. Elements of Dairying.—A general survey of dairying and its relation to Utah agriculture; the secretion, composition, and properties of milk; the conditions that affect quantity and quality of milk; the Babcock test, the farm separator, the lactometer, methods of creaming, care of milk on the farm, uses of milk and its products as human food. Autumn, 1:30. Four hours credit.

Upper Division Courses

51. Animal Breeding.—The aim of this course is to study the specific principles, practices and methods involved in the breeding and development of domesticated animals. Such topics as, Mendelism in animals, transmission, heredity, values of pedigree, systems of breeding, records, etc., are considered. Prerequisite, Zoology 50. Winter. Three hours credit.

52. Animal Nutrition.—A study of feeds, their compounds, and their digestion; the various uses to which each is put in the body. The best practices of feeding and the results of the different experiments will be investigated. Prerequisite, one year of chemistry. Autumn. Four hours a week. Four hours credit.

53. Animal Nutrition.—Continuation of course 52. Winter. Four hours credit.

67. Teaching of Agriculture.—See Agronomy 67.

71. Dairy Cattle Judging.—Stress will be laid on the various characteristics of the different dairy breeds. A comparative study of the score card requirements of each and comparative judging done. Trips will be made to the dairy farms of the county in order to handle typical animals of each breed. Prerequisite, Animal Husbandry 1. Spring. Two periods of three hours each. Two hours credit. (Not given this year.)

* 81. **Milk Production and Secretion.**—Evolution of the feeding standards. Methods of preparing feeds and feeding dairy cows. Principles of nutrition and their relation to milk secretion. Prerequisite, Animal Husbandry 21. Winter. Three hours credit.

* 91. **Dairy Survey.**—A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class. Winter. One hour a week. One hour credit. (Not given this year.)

92. **Seminar.**—Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry. One period a week.

ART

*Professor Eastmond, Associate Professor Larson, Mrs. Gourley,
Mr. Bushman*

Lower Division Courses

1. **Art Application.** (Environmental Appreciation.) This general course aims to develop ability to interpret and appreciate art. Illustrated lectures; exhibits and study exercises from nature. The course correlates and helps to intensify the work taken up in the fine art and in design classes, and also to assist the teachers in training. Autumn. T. Th., 3:30. Two hours credit. Eastmond.

2. **Art Appreciation.** A literary study of the world's art and artists. Recitations and laboratory work. Winter. T. and Th. Two hours credit. Eastmond.

3. **Art Appreciation.** Continuation of Art 1 and 2. Recitations and laboratory work. Spring. T. Th., 3:30. Two hours credit. Eastmond.

7. Graphic Representation. Drawing in various mediums. Emphasis upon objective tone study in charcoal. Emphasis upon mass media. Recitation and laboratory work. Autumn. Two to four hours credit. Larsen.

8. Graphic Representation. Continuation of Art 7. Still life representation in tone. Objective composition. Recitations and laboratory work. Winter. Two to four hours credit. Larsen.

9. Graphic Representation.—Continuation of Art 8. Cast drawing emphasized. Spring. Two to four hours credit. Larsen.

11. Elementary Water Color Painting.—Pictorial composition and color study. Recitations and laboratory work. Autumn. Tues. and Thurs. Two hours credit. Eastmond. (Not given 1925-26)

12. Elementary Water Color Painting.—Continuation of Art 11. Recitations and laboratory work. Winter. Eastmond. (Not given 1925-26.)

13. Elementary Water Color Painting.—Continuation of Art 12. Outside sketching emphasized. Recitations and laboratory work. Spring. Tues. and Thurs. Two hours credit. Eastmond. (Not given 1925-26.)

14. Commercial Art.—Show card writing. Poster art; advertising arrangement. Psychology of line, form and color. Autumn. M. W. F. 1:30. One or two hours credit. Bushman.

15. Commercial Art.—Continuation of Art 14. Recitations and laboratory work. Winter. M. W. F. 1:30. One or two hours credit. Bushman.

16. Commercial Art.—Continuation of Art 15. Recitations and laboratory work. Spring. M. W. F. 1:30. One or two hours credit. Bushman.

18. Process Illustration.—Method of drawing and

painting for illustration. Drawing for the various process methods of modern engraving. Practical illustration. Prerequisite, Art 7 and 14. Winter. Tues. and Thurs. Two hours credit. Eastmond.

19. Process Illustration.—Continuation of Art 18. Prerequisite, Art 8. Recitations and laboratory work. Spring. T. Th. 1:30. Two hours credit. Eastmond.

21. Theory and Practice of Design.—Rhythm, balance, harmony, and other foundational principles. Three recitations and one studio hour. Autumn. M. W. F. 1:30. Sections will be arranged to correlate with the lines of work taken up in Art 25, 32p. etc. Two hours credit. Eastmond, Larsen.

25. Domestic Art Design.—A study of line, proportion, and color applied to dress and needle craft. Original designs for decorative textile work. Prerequisite, Art 21. Winter. M. W. F. 1:30. Two hours credit. Eastmond.

26. Domestic Art Design.—Continuation of Art 25. Original design for decorative textile work emphasized. Costume design. Spring. M. W. F. 1:30. Two hours credit. Eastmond.

28. Home Planning and Applied Art.—House planning. Historic development of the house. Location and environment. Study of line, form, and color. Two recitations and one studio hour. Winter, M. W. F., 1:30. Two hours credit. Larsen.

29. Home Planning and Applied Art.—Home furnishing. Study of wall finishes and decoration. Floors, floor finishes and coverings. Natural and artificial lighting. Draperies, upholstering. Furniture, pictures and bric-a-brac. Study of color, texture, scales, structural unity, and the proper use of ornament. Spring. M. W. F., 1:30. Two hours credit. Larsen.

32-p. Ceramic Art (China Painting).—Application of the various methods of design in the decoration of appropriate wares. Winter. Time to be arranged. One, or two hours credit. Special fee for private instruction. Prerequisite, Art 21. Mrs. Gourley.

33-p. Ceramic Art.—Continuation of Art 32. Emphasis on applied design. Spring. Time to be arranged. One, or two hours credit. Special fee for private instruction. Mrs. Gourley.

41. Art For Elementary School Teachers.—Simple drawing and painting with various media. Paper cutting and construction. Study of materials suitable for elementary applied design. Subject matter and standards of achievement for each grade. Objectives and methods emphasized. Autumn. M. W. F. 3:30. Three hours credit. Larsen.

42. Art For Elementary School Teachers.—Continuation of Art 41. Winter. M. W. F. 3:30. Three hours credit. Larsen.

43. Art For Elementary School Teachers.—Continuation of Art 42. M. W. F., 3:30. Spring. Three hours credit. Larsen.

44. Art For Teachers Above the Elementary School.—Various phases of mass-representation dealing with clay, paper, crayons, charcoal and water color. Motif drawing, pictorial composition in dark and light and in color. Distance representation in tone, color and line. Illustrative drawing involving the study of perspective. Practical school room work correlated. Autumn. M. W. F., 2:30. Three hours credit. Eastmond.

45. Art For Teachers Above the Elementary School.—Continuation of Art 44. Blackboard drawing and general school room decoration. Decorative treatment of the object and landscape. Winter. M. W. F., 2:30. Three hours credit. Eastmond.

46. Art For Teachers Above the Elementary School.—Continuation of Art 45. Spring. M. W. F., 2:30. Three hours credit. Eastmond.

47. Art Pageant Production.—Pageantry as art. Principles of pageant composition. Symbolic representation. Nature pantomime and tableau. Costuming and lighting. Property design. Autumn, T. Th. 4:30. Two hours credit. Eastmond.

48. Art Pageant Production.—Continuation of Art 47. Winter. Two hours credit. Eastmond.

49. Art Pageant Production.—Continuation of Art 48. Spring. Two hours credit. Eastmond.

Upper Division Courses

51. History of Art (Lecture course.) Historic development of formative influences. Religion and Art. Primitive art. Egyptian, Chaldean-Assyrian, Phoenician, Greek, Roman, Pompeian, Byzantine, Saracenic, Romanesque, Gothic, and Renaissance. Autumn. One to four hours credit. Eastmond. (Not given this year.)

52. History of Art.—(Lecture course) Continuation of Art 51. Winter. One to four hours credit. Eastmond. (Not given this year.)

53. History of Art.—(Lecture course) Continuation of Art 52. Spring. One to four hours credit. Eastmond. (Not given this year.)

57. Costume Design.—Color harmony applied. Line; rhythm; objective study of gowns and hats. Creative designs emphasized. Study of styles and color suitable to various types. Prerequisites; Art 21, 25 and 26. Autumn. Two hours credit. M. W. F. 10:30.

59. History of Costume.—Research of Egyptian,

Grecian, Roman Renaissance and Modern French. Art in Costuming. Spring. Two hours credit. M. W. F., 10:30.

61. **Commercial Art and Illustration.**—Poster designing and lettering. Systems of lettering. Sign writing in various mediums. Historic alphabets. Prerequisites Art 14, 15, 16. Autumn. M. W. F., 1:30. Two hours credit. Bushman.

62. **Commercial Art and Illustration.**—Continuation of Art 61. Winter. M. W. F., 1:30. Two hours credit. Bushman.

63. **Commercial Art and Illustration.**—Continuation of Art 62. Spring. M. W. F., 1:30. Two hours credit. Bushman.

64. **Water Color Painting.**—Objective landscape and still-life painting. Emphases upon composition in line, mass and color. Out door sketching. Recitations and laboratory work. Autumn. M. W. F., 10:30. Two to four hours credit. Eastmond.

65. **Water Color Painting.**—Subjective and decorative landscape painting emphasized nature motif work. Color theory applied. Recitations and laboratory work. Winter. M. W. F., 10:30. Two to four hours credit. Eastmond.

66. **Water Color Painting.**—Continuation of Art 65. Out-door sketching emphasized. Recitations and laboratory work. Spring. M. W. F., 10:30. Two to four hours credit. Eastmond.

67. **Oil Painting.**—Landscape and still-life; Composition in line, mass and color. Objective representation emphasized. Outdoor sketching. Individual expression emphasized. Autumn. 3:30 or 4:30 two to five hours credit. Larsen.

68. **Oil Painting.**—Continuation of 67. Winter, 3:30 or 4:30. Two to five hours credit. Larsen.

69. **Oil Painting.**—Continuation of 68. Spring, 3:30 or 4:30. Two to five hours credit. Larsen.

71. **Oil Painting.**—Decorative composition correlated with interior decoration. Mural painting. Recitations and laboratory work. Autumn. M. W. F., 3:30. Two to four hours credit. Eastmond.

72. **Oil Painting.**—Continuation of Art 71. Recitations and laboratory work. Winter. M. W. F., 3:30. Two to four hours credit. Eastmond.

73. **Oil Painting.**—Continuation of Art 72. Recitations and laboratory work. Spring. M. W. F., 3:30. Two to four hours credit. Eastmond.

77. **Studio Work.**—Outline of work and other information pertaining to the course will be given by the professor of the department. Special attention is given to individual needs. Advanced illustration water color and oil painting. Credit is given on the basis of three hours' work for one hour credit. Prerequisites, Art 7, 8 and 9. Autumn. Time to be arranged. Two to five hours credit. Eastmond and Larsen.

78. **Studio Work.**—Continuation of Art 77. Winter. Time to be arranged. Two to five hours credit. Eastmond and Larsen.

79. **Studio Work.**—Continuation of Art 78. Spring. Time to be arranged. Two to five hours credit. Eastmond, and Larsen.

BOTANY

Professor Cottam, Dr. Carroll, Mr. Decker, Mr. Morris

Lower Division Courses

12. **General Botany.**—A general course which considers the fundamental principles of morphology, physiology, and reproduction of plants. Sec. 1, Autumn, Sec. II, Winter, M. W. F., 9:30, T. Th., 1:30. Five hours credit. Decker.

15. Field Biology.—A course in general nature study, especially intended for teachers of primary and secondary grades. Spring, T. Th., 3:30—5:30. Two hours credit. Decker.

21. General Bacteriology.—The course will consist of a study of the general characteristics and activities of microorganisms and their relations to man. Winter, M. W. F., 2:30. Laboratory, T. Th., 1:30. Three or five hours credit. Carroll and Decker.

Upper Division Courses

50. Algae and Fungi.—A study of the morphology, life histories, classification and relation of the main groups of algae and fungi. Prerequisite, Botany 12. Autumn, one lecture and two three hour laboratory periods a week. Three hours credit. Time to be arranged. Decker.

51. Liverworts, Mosses and Ferns.—A study of the morphology, life histories and relationships of the liverworts, mosses and ferns. Winter, one lecture and two three hour laboratory periods a week. Three hours credit. Time to be arranged. Decker.

***52. Seed Plants.**—A study of the morphology, life histories, classifications and relationships of the higher plants. Prerequisite, Botany 12. Spring, one lecture and two three hour laboratory periods a week. Three hours credit. Time to be arranged. Decker.

55. Spring Flora.—This course will consider a brief survey of the plant kingdom as illustrated by local forms. Students will learn to handle botanical key and become independent in classifying plants. Spring, Wednesday 1:30; lab. M. F. 2:30-5:30. Three or five hours credit. Decker.

*** 57. Plant Ecology.**—This course will include a study of plants as they grow in nature. Their adaptations in relation to soil and climate will be a special consideration. Spring, T. Th., 9:30, also one field trip a

week. Three hours credit. (Not given this year.)

***60. Plant Physiology.**—A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrate and protiens, digestion, translocation, respiration, growth and reaction of plants to stimuli. Prerequisites, Botany 12 and Chemistry 1 and 2, or their equivalents. Spring, T. Th., 2:30, W. F., 1:30-4:30. Four hours credit. Morris.

***61. Plant Histology.**—This is primarily is laboratory course in the technique of preparing, staining and mounting of sections for microscopical examination. Prerequisite, Botany 12. Autumn, Winter or Spring, M. W. F., 1:30-4:30. Three hours credit. Decker.

70. Diseases of Cultivated Plants.—This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisite, Botany 12 and 21. Autumn, T. Th., 8:30; M. F., 1:30-4:30. Four hours credit. Morris.

***75, 76, 77. Seminar.**—Autumn, Winter, Spring. One hour credit for each course. Decker.

80. Heredity and Eugenics.—See Zoology 50.

Graduate Courses

101. Plant Cytology.—A course which deals with the structure and the physiology of the cell. Prerequisites, Botany 50, 51, 52 or their equivalents. Autumn. Two lectures and two three-hour laboratory periods a week. Four hours credit. (Not given, 1925-26.)

102. Plant Cytology.—Continued. Winter. Credit same as course 101. (Not given, 1925-26.)

103. Plant Cytology.—Continued. Spring. Credit same as course 101. (Not given, 1925-26.)

105. Flora of the Wasatch.—Similar to 55, but intended for students of advanced standing. Familiarity with botanical key is presupposed in this course. Spring. Three or five hours credit. Time to be arranged. Decker.

CHEMISTRY

Professor Maw, Mr. Gates, Mr. Christensen

Lower Division Courses

1. Elementary General Chemistry.—This is an introductory course, intended for students who have not had high school chemistry. The principles and theories of chemistry are considered in connection with the non-metals. It should be taken as a foundation for other sciences and especially for foods and nutrition. Autumn or Winter. 8:30. Three recitations and two laboratory periods. Five hours credit. Gates.

2. Elementary General Chemistry.—Continuation of course 1. Winter. 8:30. Five hours credit. Gates.

1a. Elementary General Chemistry.—This course is especially adapted to students for domestic science and domestic art. Special emphasis is given to household chemistry. Autumn, 1:30. Three recitations and two laboratory periods. Five hours credit. Gates.

1b. Elementary General Chemistry.—Continuation of 1a. Five hours credit. Gates.

4. General Inorganic Chemistry.—Open only to those students who have high school chemistry. Three recitations and two laboratory periods. Class demonstrations may take place of laboratory on certain days. Autumn, 10:30. Five hours credit. Gates.

5. Elementary Qualitative Analysis.—Study of the metallic elements and qualitative analysis. One or two recitations and three or four laboratory periods. Winter or Spring. Five hours credit. Gates.

6. **Elementary Quantitative Analysis.**—One or two recitations and three or four laboratory periods. Autumn and Spring, 9:30. Five hours credit each term. Maw.

7. **Elementary Organic Chemistry.**—A brief discussion of carbon compounds. For students of home economics. Three recitations and two laboratory periods. Five hours credit. Maw.

Upper Division Courses

51. **Principles of Inorganic Chemistry.**—Discussion of chemical theories and important generalizations in the field of inorganic chemistry. Three recitations. Three hours credit. Gates.

52. **Principles of Inorganic Chemistry.**—Laboratory course. Two periods a week. Two hours credit. Gates.

54. **Advanced Qualitative Analysis.**—Two hours credit.

61. **Quantitative Analysis.**—Introductory. Gravimetric and volumetric. Autumn, Winter or Spring. Laboratory periods arranged. Five hours credit. Maw.

62. **Quantitative Analysis.**—Continuation of 61. Autumn, Winter or Spring. Four hours credit.

65. **Advanced Quantitative Analysis.**—Systematic mineral analysis and volumetric assays. Autumn, Winter, or Spring. Two to ten hours credit according to the amount of work done. Maw.

66. **Special Methods.**—The following courses may be taken any quarter, the time to be arranged.

- a. **Water Analysis.** Two hours credit.
- b. **Food Analysis.** Two hours credit.
- c. **Electrolytic Analysis.** Two hours credit.
- d. **Steel Analysis.** Three hours credit.

e. Analysis of Soils and Agricultural Products.—Two hours credit.

71. Organic Chemistry.—Introduction to the study of the carbon compounds. Three recitations. Three hours credit. Maw.

72. Organic Chemistry.—Laboratory courses to accompany 71. Two hours credit. Maw.

73. Organic Chemistry.—Continuation of 71. Three hours credit. Maw.

74. Organic Chemistry.—Laboratory course to accompany 73. Two hours credit. Maw.

75. Organic Chemistry.—Continuation of 73. Three hours credit. Maw.

76. Organic Chemistry.—Laboratory course to accompany 75. Two hours credit. Maw.

78. Biochemistry.—Discussion of the chemistry of nutrition, digestion, absorption, assimilation and excretion in the animal body. Three recitations. Three hours credit. Maw.

79. Biochemistry.—Laboratory course to accompany 7. Two laboratory periods. Two hours credit. Maw.

81. Advanced Inorganic Chemistry.—Advanced topics in inorganic chemistry, including structure of the atom, radioactivity and catalysis. Two recitations. Two hours credit.

82. General Physical Chemistry.—Two recitations.. Two hours credit. Christensen.

83. Physical Chemistry.—Laboratory course to accompany 82. Two laboratory periods. Two hours credit. Christensen.

84. General Physical Chemistry.—Continuation of 81. Two recitations. Two hours credit. Christensen

90. Seminar.—One meeting a week. One hour credit.

91. Seminar.—One hour credit.

92. Seminar.—One hour credit.

Graduate Courses

103. Advanced Organic Chemistry.—Organic Preparations. Three hours credit.

104. Organic Analysis.—Two hours credit.

110. Research.—Independent work in investigations of problems in inorganic, organic and analytical chemistry. Time and credit to be arranged.

CLOTHING AND TEXTILES

Professor Elliott, Miss Lewis

Students who elect Clothing and Textiles as their major are required to complete courses 21, 22, 23; 65, 66; 31, 32; 56, 57, 58; 51, 52, 53. Art 21, 25, 26 should parallel or precede courses 21, 22, 23 and 31, 32.

Lower Division Courses

11. Elementary Dressmaking.—This course is designed for students not having had high school sewing and those majoring in other departments of the University. Study of wool textiles. Wool dresses. Autumn. 1:30. Four hours a week. Two hours credit. Lewis.

12. Elementary Dressmaking.—Continuation of course 11. Study of silk textiles. Silk dresses. Winter. 1:30. Four hours a week. Two hours credit. Lewis.

13. Elementary Dressmaking.—Study of cotton textiles. Summer dresses. Spring. 1:30. Two hours credit. Lewis.

15. Millinery.—This course is especially designed

for home makers. Covering buckram shapes with silk and velvet. Autumn. 2:30. Two hours a week. One hour credit. Lewis.

16. Millinery.—This course is also designed for home makers. It consists of making braid hats, transparent hats, etc. Sprng. 2:30. Two hours a week. One hour credit. Lewis.

In courses 11, 12, 13, 15, 16, students are expected to purchase the materials for their personal garments only after receiving the advice of the instructor.

21. Clothing.—Prerequisite or parallel, Art 21. Study of cotton textiles. Use of and adaptation of commercial patterns to the user. Technical finishing of simple, machine-made garments. Lecture period will consider the purchasing of textiles, their construction and care. Plain sewing a prerequisite. Autumn. M. T. W. Th. Two hours credit. Section 1, 8:30 Lewis; Section 2, 10:30, Elliott.

22. Clothing.—Prerequisites or parallel, Art 25. Study of woll and silk textiles. Party and wool dresses, emphasis placed on the correct finishing of each article. Lecture on the above textiles, color and dress design. Winter. M. T. W. Th. Two hours credit. Section 1, 8:30, Lewis; Sction, 2, 10:30, Elliott.

23. Clothing.—Prerequisite or parallel, Art 26. Summer dresses. Adapting the line and color to the form and complexion of the wearer. Inportant points in the social and artistic problems will be emphasized. Spring. M. T. W. Th. Two hours credit. Section 1, 8:30. Lewis. Section 2, 10:30. Elliott.

31. Millinery.—Prerequisites or parallel, Art 21, 25, 26. This course provides instruction in the making and covering of frames of various types and in the fitting and trimming of hats to meet the requirements of the individual. Autumn, 10:30. Two hours credit. Lewis.

32. Millinery.—Prerequisite or parallel, Art 21, 25, 26. Braid hats. Silk hats. Transparent hats. Spring. 10:30. Three hours a week. Two hours credit. Lewis.

41. Textiles Decoration.—Prerequisite, Art 25, 26. French and eyelet work. A consideration of decorative needle work applicable to household adornment and wearing apparel. Foundation stitches in hedebo and Roman cut work, also different types of artistic stitchery. Autumn. M. W. F., 1:30. Two hours credit. Elliott.

45. Fine Sewing.—Prerequisite, Art 25, 26, Clothing and Textiles 41. Hand sewing. Fine stitching will be applied to baby clothing and children's dresses. Winter. M. W. F., 1:30. Two hours credit. Elliott.

46. Fine Sewing.—Prerequisite, Clothing and Textiles 45. Summer dresses. The purpose of this course is to create a desire for dainty clothing. One dress embroidered in original design. Spring, M. W. F., 1:30. Two hours credit. Elliott.

Upper Division Courses

51. Costume Design.—See Art 57.

52. Applied Costume Design. — Prerequisite, course 51. This course includes the application to modern designing of the principles given in Costume Design; of line, color, texture for various types; of general clothing selection and of technique and methods of rendering. Autumn, 10:30. Three hours a week. Two hours credit. Lewis.

53. History of Costume Design.—See Art 59.

***56. Advanced Dressmaking.**—Renovation and remodeling. Choosing and altering of patterns. Fitting various types of figures. Tissue paper dresses designed from illustrations of human figure. Defects in human figure; consideration how to dress to overcome

them. Practical experience in color and harmony in designing materials. Autumn. M. W. F., 2:30. Three hours preparation. Two hours credit. Elliott.

***57. Advanced Dressmaking.**—Afternoon and party dresses. Training in line and color harmony. Lecture period continuation of same topics as 56. Adapting designs in current fashion magazines to the individual. Winter. M. W. F. 2:30. Two hours credit. Elliott.

***58. Advanced Dressmaking.**—Application of line and color to the proportions of individuals. Coat or wrap, one summer dress required. Three hours a week. Three hours required for preparation. Spring, M. W. F., 2:30. Two hours credit. Elliott.

***65. Textiles.**—Prerequisites, Chemistry 1. History of primitive and modern methods of manufacturing textiles. It includes a study of growth, preparation and manufacture of fibers as a basis of judgment in the purchase and the use of materials used for clothing and house furnishings. Collection and study of samples are required. Autumn, T. Th., 1:30. Three Hours credit. Elliott.

***66. Textiles.**—Continuation of course 65. Winter. T. Th., 1:30. Three hours credit. Elliott.

***67. Textiles.**—Continuation of course 66. Spring. T. Th., 1:30. Three hours credit. Elliott.

71. Shop Work.—This course is designed for students who have had experience in dressmaking and desire to continue in that line of work. Credit is allowed on the basis of one hour of credit for three hours of work. Students may register for one, two or three hours a quarter. Autumn, Winter or Spring. Time to be arranged. Elliott.

DRAFTING

*Assistant Professor Snell***Lower Division Courses**

Note: While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

1. **Elementary Drafting.**—A general course in the use and care of instruments, lettering, drawing of geometric figures, projections, intersections of solids, development of surfaces, etc. Autumn. Daily 9:30 or 10:30. Two hours credit.

2. **Elementary Drafting.**—Continuation of 1. Winter. Daily, 9:30 or 10:30. Two hours credit.

3. **Elementary Drafting.**—Continuation of 2. Spring. Daily, 9:30 or 10:30. Two hours credit.

4. **Engineering Drawing.**—The care and use of instruments, lettering and applied geometry. Autumn. Daily, 9:30 or 10:30. Two hours credit.

5. **Engineering Drawing.**—Orthographic projection and pictorial representation. Prerequisite, Drafting 4. Winter. Daily, 9:30 or 10:30. Two hours credit.

6. **Engineering Drawing.**—Developed surfaces and intersections. Prerequisite, Drafting 5. Spring. Daily, 9:30 or 10:30. Two hours credit.

7. **Elementary Machine Design.**—Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensioning, working drawings and technical sketching. Detail and blue-prints. Prerequisite, Drafting 4, 5, and 6 (1, 2 and 3 may be substituted by instructor's permission.) Autumn. Daily 9:30 or 10:30. Two hours credit.

8. **Elementary Machine Design.**—Continuation of 7. Winter. Daily, 9:30 or 10:30. Two hours credit.

9. **Elementary Machine Design.**—Continuation of 8. Spring. Daily, 9:30 or 10:30. Two hours credit.

10. **Instrumental Perspective.**—Principles of perspective applied to drawing of steps, fences, farms, houses, etc. Prerequisite, Drafting 1, 2, and 3. Autumn. Daily, 9:30 or 10:30. Two hours credit.

11. **Instrumental Perspective.**—Continuation of 10. Winter. Daily, 9:30 or 10:30. Two hours credit.

12. **Instrumental Perspective.**—Continuation of 11. Spring. Daily, 9:30 or 10:30. Two hours credit.

13. **Architectural Drawing.**—Drawing of complete plans and detail work for all parts of a frame dwelling. Working drawings, tracings and blue-prints. Prerequisite, Drafting 1, 2, and 3. Autumn. Daily, 9:30 or 10:30. Two hours credit.

14. **Architectural Drawing.**—Continuation of 13. Winter. Daily, 9:30 or 10:30. Two hours credit.

15. **Architectural Drawing.**—Continuation of 14. Spring. Daily, 9:30 to 10:30. Two hours credit.

19. **Topographical Drafting.**—This course is designed to give practical elementary work in topographical drawing. Prerequisite, Drafting 4, 5, and 6 or 1, 2 and 3. Autumn. Daily, 9:30 or 10:30. Two hours credit.

20. **Engineering Drafting.**—This course is designed to give practical work in elementary drafting needed by prospective civil engineers. Mapping, platting from field notes, etc. Prerequisite, Drafting 4, 5, and 6. Winter. Daily, 9:30 or 10:30. Two hours credit.

Upper Division Courses

51. **Original Architectural Design.**—Designing and drawing of plans, writing specifications, estimating cost of a dwelling, a store, a church and a school

house, with tracings, blue-prints, etc., complete for actual construction. Prerequisite, Drafting 16, 17 and 18. Daily, 9:30 or 10:30. Two hours credit.

52. **Original Architectural Design.**—Continuation of 51. Winter. Daily, 9:30 or 10:30. Two hours credit.

53. **Original Architectural Design.**—Continuation of 52. Spring. Daily, 9:30 or 10:30. Two hours credit.

54. **Descriptive Geometry.**—This course includes a study of the principles relating to the point, line, plans, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites Mathematics 11 and Drafting 7, 8, and 9. Autumn. Daily, 9:30 or 10:30. Two hours credit.

55. **Descriptive Geometry.**—Continuation of 54. Winter. Daily, 9:30 or 10:30. Two hours credit.

56. **Graphics.**—Roof and bridge trusses. Direction and amount of forces determined graphically. Prerequisites, Drafting 51, 52, and 53. Spring. Daily, 9:30 or 10:30. Two hours credit. (Not given this year.)

ECONOMICS

Professors Swenson, Hoyt; Associate Professor Miller

Lower Division Courses

11. **Introduction to Economics.**—A general survey of industrial society, its structure, its institutions, its operation. Historical background of the rise of modern capitalistic industry. A study of underlying assumptions of our present regime, such as private property, competition and the social control of industrial activity. Autumn. Sec. 1, 8:30; Sec. 2, 2:30. Three hours credit. Miller.

12. **Principles of Economics.**—This course is an introductory study of the underlying principles of economics. Special attention is given to the produc-

tion, exchange, distribution and consumption of wealth. An attempt is made to give the student an approach to the economic issues of the day with an intelligent appreciation of the factors which make for sound public policy. Winter. Sec. 1, 8:30; Sec. 2, 2:30. Three hours credit. Miller.

13. Current Economic Problems.—This course will consider some of the important and pressing problems of present day industry and an examination and criticism of the economic theory underlying them. Prerequisites, course 12. Spring. Sec. 1, 8:30; Sec. 2, 2:30. Three hours credit. Miller.

14. Economic and Financial History of the United States.—The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization. Autumn. 10:30. Three hours credit. Miller. (Required of all Economic Majors.)

22. Marketing and Advertising.—See Accounting and Business Administration 22.

24. Advertising and Salesmanship.—See Accounting and Business Administration 24.

25. Marketing Problems.—See Accounting and Business Administration 25.

Upper Division Courses

56. Trusts and Monopolies.—A study of the development, organization and economic function of industrial combinations with special emphasis upon their relation to our present social order and the legal and economic problems they present. Spring. Four hours credit. Miller. (Not given this year.)

57. Transportation Problems.—This course deals with the growth and development of railway transportation in the United States; the organization, con-

struction and management of modern systems; the theory of rates; problems of competition; development of public regulation and railway legislation in the United States; general scope and importance of the railway problem at the present time. Spring. 1:30. Four hours credit. Miller.

58. Social Statistics.—The purpose of the course is to become acquainted with the method of gathering and the principles of interpreting various kinds of social and economic data. Spring. Three hours credit. Swenson. (Not given this year.)

* **59. Labor Problems.**—This course deals with the history of the labor movement and the evolution of the wage system; domestic industry, the factory system. The rise and growth of labor organizations. Special problems in labor and industrial unions, with a body of typical organizations. Collective bargaining, boycott, lockout, woman and child labor. The effects of immigration upon the American laborer. The mediation and arbitration of industrial disputes. Autumn. 9:30. Three hours credit. Miller.

* **60. Labor Problems.**—Continuation of Economics 59. Winter. 9:30. Three hours credit. Prerequisite, course 59. Miller.

* **61. Labor Legislation.**—The state in relation to labor. An intensive study of the legal aspects of the labor movement. The legal minimum wage, social insurance, regulation of hours, conditions, etc. Foreign experiments in the field of government regulation and control. Spring. 9:30. Three hours credit. Miller.

62. Industrial Management.—See Accounting and Business Administration 61.

63. Personnel Management.—See Accounting and Business Administration 62.

65. Business Statistics.—See Accounting and Business Administration 75.

67. Public Finance.—The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration. Spring. Three hours credit. Swenson.

75. Foreign Exchange.—This course considers briefly the inter-bank relations and domestic exchange. The main emphasis will be given to bills of exchange, import and export creditors, gold movements, etc. Spring. Three hours credit. Swenson. (Not given this year.)

Graduate Courses

101. Advanced Economics.—Advanced work in economic theory with application to present day economic problems. Open to seniors and graduates. Autumn. 8:30. Three hours credit. Prerequisite, Economics 11, 12, 13. Swenson.

102. Advanced Economics.—Continuation of 101. Winter. Three hours credit. Swenson.

110. Research in Economics.—This course is designed to afford special work on an advanced nature to those students who have had sufficient preparation, and who are desirous of gaining a greater familiarity with some particular phase of economics. Hours and credits to be arranged to suit the individual needs of the student. Miller.

EDUCATIONAL ADMINISTRATION.

Professors Nuttall, Woodward, A. N. Merrill, Assistant

Professors Brown, Peterson, Sudweeks

Lower Division Courses

5. School Organization and Administration.—Same as Elementary Teaching 5.

46. Rural Education.—This course deals with the

rural and educational problems which confront the teachers in the rural communities of the intermountain state.. Spring. Three hours credit. A. N. Merrill.

Upper Division Courses.

60. Technique of Teaching.—Same as Elementary Teaching 60. A course for supervisors. Three hours credit.

61. Same as Elementary Teaching 61.

62. Same as Elementary Teaching 62.

63. Same as Elementary Teaching 63.

* **69. Measurements of High School Teaching.**—A study of tests, scales, etc., now available for use in high school subjects. Also a study of the use of intelligence tests in placing students. For seniors and graduates. Fours credit. Spring. Sudweeks.

71. Social Organization and Administration of the Secondary School.—After a brief consideration of the social principles upon which the organization of the school rests, this course will analyze extra class room activities of the school in the light of these social standards with a view to establishing unity in the practices of the secondary school. The following activities will be thus analyzed: Discipline, self-government, control of lunch room activities, assembly exercises, athletic organizations, study clubs (debating, literary, nature study, mathematical, etc.) scholarship societies, secret societies, goor time cslubs, the differentiation of social organizations to meet the needs of boys, of girls, school festivals, organizations affiliated with civic societies, the school as a social center. Spring, M. W. F. Three hours credit. Woodward. (Not given this year.)

73. General Educational Administration.—A study of the present organization of state, city, county and rural school systems will be made. The powers and duties of various school officials together

with an outline of the general problems involved in administering a school system, will form the detailed content of the course. Autumn. Four hours credit. Nuttall.

* **75. Elementary School Supervision.**—The course will deal with the general purposes of supervision; The relation of supervisors to teachers and administrative officers; the methods of stimulating, criticizing, helping and rating teachers. The course is planned for those preparing to do general primary or grammar grade supervision or to supervise in any special subject such as music or art, or to become principals, and is open to seniors and graduate students. Spring. Four hours credit. Nuttall.

79. Statistical Methods.—This course deals with the principles and methods underlying the compilation and interpretation of educational statistics. Winter. Three hours credit. Sudweeks.

80. Educational Measurements.—The course will include a study of the methods of gathering data, giving tests, tabulating data, statistical treatment and graphic representations of results. Winter. Three hours credit. Sudweeks.

96. Rural and Vocational Surveys.—This course is designed primarily to prepare students with methods and technique of conducting rural and vocational surveys. This course will make a detailed study of possibilities for greater efficiency in the industrial life of the community, of opportunities for a richer social life and of all ordinary rural district. Students will be expected to make such surveys of some particular school district. Various methods of conducting the survey will be discussed. Two hours credit. A. N. Merrill.

The following courses in other departments may be used to fill a major in Educational Administration, Psychology 74, 75, Secondary Teaching 52, 53, 91.

Graduate Courses

101. General Educational Administration.—This course parallels Educational Administration 73 and is given for graduate students who have not had a course in general educational administration. Such a course is considered a prerequisite for all further graduate work in administration. Autumn. Three hours credit. Nuttall.

111. Financial Problems in Educational Administration.—This course will include a special study of financial problems of school administration. It will involve a comparative study of systems of raising and disbursing revenue, of particular problems to be met by the superintendent and boards of education. A course in general educational administration is prescribed as a prerequisite. Winter. M. Th. Two hours credit. Nuttall.

112. Advanced Educational Administration.—This course deals with the selection, placing, improving and rating of the teaching corps of the school system and of problems of co-operating with school boards, state officials, and methods of child accounting, etc. Winter. Three hours credit. Nuttall.

117. Administration of Rural Schools.—The first part of this course will be devoted to the problems of rural school administration including a discussion of the federal aid as a national program for rural schools; state administration of rural schools; the county unit; consolidation; and the unit and function of local control. Some of the outstanding problems in the administration of rural high school will be considered including definition and types, state administration and subsidy, local administration and supervision, special departments, rural adaptations of the curriculum, the junior high school in rural localities, consolidation, and federal aid and the effect of the Smith-Hughes act

upon rural secondary education. Autumn. Three hours credit. A. N. Merrill.

147. Research Work.—Students may be given from two to four hours credit for presenting a satisfactory thesis on an assigned topic, embodying the results of independent work. The consent of the instructor of the course is necessary before registering. Nuttall and Sudweeks.

148. Thesis Work in School Administration.—The work of this course is largely individual research under the direction of professor in charge. The material and the problems studied will be in connection with the master's thesis. From four to eight hours credit, depending upon the problem. Nuttall, Woodward, Merrill.

150. Graduate Seminar in Education.—Each alternate Monday, 7:30 to 9:30 p. m.

ELEMENTARY TEACHING.

Professors Nuttall, A. N. Merrill, Eastmond; Associate Professor Larsen; Assistant Professors Ollorton, Dusenberry, Peterson, Brown, Sudweeks, Boyle; Mr. Lambert; Drs. Carroll, Merrill, Oaks; Faculty of Elementary Training School

Lower Division Courses

1. Principles of Education.—As an introduction to the study of Philosophy of Education and a basis for a study of teaching this course is required of all students qualifying for elementary teaching. The course deals with such topics as values in education, aims of teaching, educational institutions in their relation to the individual, the place and function of the teacher, the basic principles of methods and the principles to be applied in educational measurements. Autumn, Winter or Spring. Four hours credit. Nuttall and Sudweeks.

5. School Organization and Administration.—This

course will acquaint beginning teachers with the school as an institution in its relation to the state and the community and will introduce in an elementary but practical way the problems of school organization including such problems as the place of the superintendent, supervisors and principal, teachers assignment, the organization of the curriculum, classification of pupils, attendance, physical welfare of pupils, records, reports. The school law will be studied. The course meets the state certification requirement of school organization and administration. Three hours credit. Autumn, Winter, Spring. Boyle.

6. Methods of Teaching in Primary Grades.—This course deals with the fundamentals used in primary teaching. It must be taken paralleling the course in Elementary Training. A careful study of the methods of teaching reading, language, and spelling in the first three grades will be made. Autumn and Winter. Four times a week. Three hours credit. Brown.

7. Methods of Teaching in Primary Grades—A continuation of course 6. Methods of teaching handwriting, arithmetic, geography, and history will be considered. This will also be supplemented by demonstrations in the Training School. Winter and Spring. Four times a week. Three hours credit. Brown.

8. Methods of Teaching in Intermediate Grades—This course should be taken parallel with the course in elementary training by students who expect to teach in the intermediate grades. Careful consideration will be given to the special methods involved in the teaching of the following subjects: Spelling, handwriting, reading and English. Autumn and Winter. Four times a week. Three hours credit. Peterson.

9. Methods of Teaching in Intermediate Grades—A continuation of course 8. Methods of teaching history, arithmetic, community civics, manual training,

industrial arts, elementary science and geography will receive consideration. Winter and Spring. Four times a week. Three hours credit. Peterson.

10. Methods of Teaching in the Junior High School.—(See Secondary Teaching 10.)

11. Methods of Teaching in the Junior High School.—(See Secondary Teaching 11.)

12. Elementary School Curriculum.—This course is given in response to the general demand for a greater mastery of subject matter by prospective teachers. The course will include a study of the state and city courses of study; a study of the sources of information required by these courses; actual finding and recording of special information not readily obtainable in text books; organization of subject matter by grades so that it is accessible for teaching. The subjects in the curriculum of the six grades of the elementary school will each receive detailed consideration. Autumn. Four hours credit. Brown and Lambert.

13. Elementary School Curriculum.—Continuation of courses 12. Winter. Four hours credit. Brown and Lambert.

Note: Courses 12 and 13 meet the State requirements for a study of the Utah Course of Study.

16. Elementary Training.—This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in the theoretical courses. Preliminary to actual teaching, about three weeks will be devoted to the problem of plan making.

During this period students will be assigned to a grade in which they will participate with the regular teacher in the work of the class. They will be permitted to assume responsibility as rapidly as possible. Students will actually teach not less than one hundred hours. This course is open to sophomore students only.

Elementary Teaching 1, Psychology 21, Elementary Teaching 12 and 13 or equivalents are prerequisites for this course. Should the enrollment exceed the capacity of the training school a selection may be made on the basis of tests and the record in the prerequisite courses. Autumn, Winter and Spring. Daily from 1:30 to 3:30 and one other hour between 9:30 and 3:30 to be arranged for. Twelve hours credit. Nuttall, A. N. Merrill, Ollorton, Brown, Peterson.

20. Story Telling and Children's Literature.—A study from the literary and educational points of view of the best literature available for children. This should involve some familiarity with the basic folk tales from which the standard children's stories, rhymes and poems have been largely derived, and practical exercises in the oral presentation of this material. Autumn, Winter or Spring. Two hours credit. Dusenberry.

21. Juvenile Literature.—A study of literature will be made in a sufficiently detailed way to give a basis for selection, appreciation, and presentation of the best and most suitable material for the elementary school. Graded lists of various type of stories and poems will be completed. This course is a continuation of 20. Winter or Spring. Two hours credit. Dusenberry.

22. Hygiene and Sanitation.—(Health Education)—Same as Zoology 20. Designed to meet state requirements in health education. The early part of the course is devoted to fundamental physiological processes such as digestion, circulation, respiration and excretion and upon these as a foundation are based studies of personal hygiene, hygiene of the school child, sanitation of school buildings and surroundings, public and home sanitation, and recognition of defects in children. Winter and Spring. M. W. F., 10:30. Three hours credit. Doctors Carroll, Merrill, Oaks.

The following courses in other departments may be taken

for credit in the department of Elementary Teaching; Art: 41, 42, 43, 44, 45, 46, Dramatic Art 63 (Normal Reading), Theory of Music 10 and 11 (Methods of Teaching Music), Physical Education 21 (Physical Education for Grade Teachers.)

Upper Division Courses

60. Technique of Teaching.—This course deals with certain of the recent developments in the field of methods and the psychological experiments which have led to the revision of class-room procedure. Emphasis will be given to the new methods which have grown out of the use of standard tests, development of problem teaching, and the guidance methods in teaching made necessary by the definite knowledge of individual differences. Topics discussed will be illustrated by work in the training school. Designed for students who are qualifying for supervision work in any field. Spring. Three hours credit. Nuttall.

61. First Grade Education.—Problems of early elementary education. A study of the subject matter and concrete materials which should form the basis of the work with young children. Language, nature study, reading, pre-primer and primer, spelling and beginning writing will be the major topics considered. Class room observation required. Designed for students in the training school who show special ability in teaching the first grade and for experienced teachers preparing for supervisory work. Spring. Three hours credit. Brown.

62. Measurements of Elementary Education.—A study of the movement in education measurement and standardization. A critical examination of various standard tests for elementary school subjects, and their value when used in measuring the work of the class room. Practice will be afforded in giving and scoring tests in the grades of the Training School and interpreting results. Autumn or Winter. Three hours credit. Sudweeks.

63. Class-room Management.—The conservation of and obtaining the maximum educational value of every element in class-room organization. Such topics as the following will receive attention: School programs, seating of pupils, heating and ventilating school rooms; care and use of supplies and books; school room cleanliness; school room decoration; definite disciplinary problems; school records, reports, etc.; value of good management as a condition for good teaching. Spring. Peterson.

64. Socializing the Elementary School Curriculum.—This course includes a study of the principles underlying the development of elementary school curricula; a survey of social needs as a means of deriving standards for the selection of subject matter; meeting the social and individual needs of present day life. The project method will receive proper treatment. Autumn, Winter or Spring. Two hours credit. Dusenberry.

Note: The following courses may be used as part of a major in Elementary Teaching: Psychology 74, 75; Educational Administration 75, 80.

ENGLISH

Professors Osmond, Reynolds, Holt, Pardoe; Associate Professor Jensen; Assistant Professors Merrill, Dusenberry, Mr. Maeser, Mr. Rowe, Mrs. Roberts, Miss Jensen, Mrs. Markham

1. Rhetoric and Composition.—Themes, exercises, conferences and prescribed reading. Autumn. Sec. 1, 8:30, Maeser; Sec. 2, 8:30, Rowe; Sec. 3, 8:30, Jensen; Sec. 4, 8:30, Merrill; Sec. 5, 8:30; Sec. 6, 8:30; Sec. 7, (Business English) 8:30, Roberts; Sec. 8, (Business English) 9:30 Holt; Sec. 9, 9:30 Maeser; Sec. 10, 9:30, Rowe; Sec. 11, 10:30, Jensen; Sec. 12, 10:30, Maeser; Sec. 13, 1:30; Sec. 14, 2:30. M. W. F. Three hours credit.

2. Rhetoric and Composition.—Continuation of course 1. Winter. Sections and time the same as in course 1. Three hours credit.

3. Rhetoric and Composition.—Continuation of course 2. Spring. Sections and time same as in course 2. Three hours credit.

4. Advanced Composition.—Long themes, lectures conferences and required reading. Prerequisites, English 1, 2, and 3. Required of all students who elect their major in English. Autumn, 10:30. Four hours credit. Osmond.

6. Argument and Debate.—A study of the principles of argumentation, followed by a series of debates on current questions. Prerequisites, English 1, 2, and 3. Autumn, 10:30. Four hours credit. Rowe.

7. Newswriting.—A course in news-gathering and writing. The campus and city will be the field of activity. Suitable stories will be published. Prerequisites, English 1, 2, and 3. Autumn, 10:30. Two hours credit. Merrill.

8. Newswriting.—Continuation of course 7. Winter. Two hours credit. Merrill.

9. Newswriting.—Continuation of course 8. Spring. Two hours credit. Merrill.

10. Short-story Writing.—The primary purpose of this course is to give the student the maximum amount of practice in creative work. Lectures, conferences and required reading. Prerequisite, English 4 or permission of the instructor. Winter, 2:30. Four hours credit. Osmond.

11. Grammar.—This course will deal with fundamental principles of English, grammar, placing emphasis on troublesome features. Winter. Sec. 1, 8:30, Jensen; Sec. 2, 9:30, Rowe. Two hours credit.

12. Grammar.—Continuation of course 11. Sections and teachers the same. Two hours credit.

15. American Literature.—A study of the chief American prose writers who wrote the major part of

their literature before 1870. Autumn, 10:30. T. Th. Two hours credit. Merrill.

16. **American Literature.**—A study of the chief American poets down to Lanier. Winter 10:30. T. Th. Two hours credit. Merrill.

17. **American Literature.**—A study of American literature since 1870. Recent but not contemporary work will be studied. Spring, 10:30. Two hours credit. Merrill.

18. **American Literature.**—A study of the principal contemporary American poets. Autumn, 1:30. Two hours credit. Osmond.

19. **American Literature.**—A study of the chief contemporary American novelists. Winter. 1:30. Two hours credit. Osmond.

20. **American Literature.**—A study of the principal contemporary American short-story writers. Spring, 1:30. Two hours credit. Osmond.

21. **The History and Development of English Literature.**—An outline of English Literature beginning with the Anglo-Saxo period. This course is a prerequisite for all other courses in English Literature. Autumn. Sec. 1, 8:30, Rowe; Sec. 2, 9:30, Maeser. Two hours credit.

22. **The History and Development of English Literature.**—A continuation of course 21. Winter. Sections, times and teachers same as course 21. Two hours credit.

23. **The History and Development of English Literature.**—A continuation of course 22. Spring. Sections, time and teachers the same as course 22. Two hours credit.

29. **The Romantic Poets.**—Wordsworth and Coleridge.—Autumn, 10:30. Two hours credit. Jensen.

30. **Byron and Scott.**—Winter, 10:30. Two hours credit. Jensen.

31. **Byron and Scott.**—Spring, 10:30. Two hours credit. Jensen.

35. **Shakespeare's Comedies.**—An intensive study of three or four plays. Autumn, 9:30. Four hours credit. Osmond.

38. **Milton.**—A study of Milton's minor poems and several books of "Paradise Lost." Winter, 3:30. Four hours credit. Rowe.

45. **The History and Development of the English Novel.**—Autumn, 9:30. Four hours credit. Jensen.

46. **The Modern Novel.**—General reading and a critical analysis of representative novels. Winter, 9:30. Four hours credit. Jensen.

Upper Division Courses

53. **Magazine Writing.**—Practical work in writing various kinds of articles for magazines and newspaper supplements. The religious articles suitable for use in church magazines will be emphasized. Autumn, 2:30. Two hours credit. Merrill.

54. **Magazine Writing.**—Continuation of 53. Winter. 2:30 Two hours credit. Merrill.

56. **Short-Story Writing.**—A continuation of course 10. Winter. 2:30. Four hours credit. Osmond. (Not given this year.)

57. **Short-Story Writing.**—A continuation of course 56. Spring. 2:30. Four hours credit. Osmond. (Not given this year.)

59. **Prosody.**—A practical course in the various forms of verse-writing. Winter. 1:30. Two hours credit. Osmond. (Not given this year.)

60. **Prosody.**—A continuation of course 59. Spring.

1:30. Two hours credit. Osmond. (Not given this year.)

* 61. **Modern European Drama (Continental).**—Autumn, M. Th., F. 2:30. Osmond. (Not given this year.)

* 62. **Modern European Drama (English).**—Hours arranged with instructor. Reynolds.

* 63. **Modern Drama (American).**—Spring. M. Th. F. 2:30. Three hours credit. Reynolds.

* 64. **Philology.**—The history and development of words and their ways and the evolution of English grammar. Required of all students who elect their major in English. Spring. 10:30. Four hours credit. Osmond.

65. **Dramatic Interpretation of Shakespeare.**—While an intellectual interpretation of Shakespeare is the foundation work of this course, the greater part of the student's time is given to the cultivation of voice and action in the dramatic interpretation of several of the most important plays. Autumn. 2:30. Two hours credit. Osmond.

66. **Dramatic Interpretation of Shakespeare.**—A continuation of course 65. Winter. 2:30. Two hours credit. Osmond.

67. **Dramatic Interpretation of Shakespeare.**—A continuation of course 66. Spring. 2:30. Two hours credit. Osmond.

* 68. **Elizabethan Drama.**—A general survey of the Elizabethan dramatists, excluding Shakespeare. A study of the works of Lily, Peele, Green, Marlowe, Kyd, Jonson, Decker, Marston, Beaumont, Fletcher and Massinger. Winter. T. Th. 10:30. One hour to be arranged. Three hours credit. Pardoe.

* 71. **Chaucer.**—In this course a number of the

Canterbury Tales are read in class. The student is carefully drilled in Chaucer's pronunciation and special attention is given to the interpretation of the text. Spring. 1:30. Four hours credit. Osmond. (Not given this year.)

* **73. Shakespeare's Tragedies.**—In this course three of the plays are read and discussed in class. Time and attention are given to the appreciation as well as the understanding of the text. That the students may feel their beauty as well as understand their content, many of the finer selections are dramatized. Required of all students who elect their major in the English department. Winter. 9:30. Four hours credit. Osmond.

* **74. Victorian Poets.**—A study of the minor poets of the Victorian period, including Tennyson's minor poems. Autumn. M. Th. F. 10:30. Three hours credit. Required of all students who elect their major in the English department. Reynolds.

* **76. Tennyson's Major Poems.**—Winter. M. Th. F. 10:30. Three hours credit. Required of all students who elect their major in the English department. Reynolds.

* **77. Browning.**—Spring. M. Th. F. 10:30. Three hours credit. Required of students who elect their major in the English department. Reynolds.

FINANCE AND BANKING.

*Professors Swenson, Nuttall; Associate Professor Müller;
Assistant Professor Clark; Mr. Ballif*

Lower Division Courses

14. Economic and Financial History of the United States.—The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization. Autumn. 3:30. Four hours credit. Miller.

17. Public Finance.—The science of public

finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration. Spring. Three hours credit. (Not given this year.)

21. Commercial Law.—Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined. Autumn, 8:30. Four hours credit. Ballif. (See Political Science. 43.)

22. Commercial Law.—A study of the law governing Negotiable Instruments, emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter, and bailments. Reference will be made to the leading cases decided by the courts. Winter, 8:30. Four hours credit. Ballif. (See Political Science 44.)

23. Commercial Law.—A study of the law governing relationships arising out of business association; Agency, Partnerships, and Corporations will be studied by an examination of the leading cases decided by the courts. Spring, 8:30. Four hours credit. Ballif. (See Political Science 45.)

Upper Division Courses

51. Business Finance.—Financial and legal status of the various forms of business organization. A brief study of the agreements, pools, legal trusts, corporation and holding companies. Practical question such as capital and income; sources and uses of funds; form of

business associations; promotions; consolidations; capitalizations; investment of capital funds; disposition of gross earnings; betterment expenses; creation and distribution of surplus; insolvency and receivership; re-adjustment and re-organization. Economics 11 and 12, prerequisites. Autumn. 9:30. Four hours credit. Clark.

52. Business Finance.—Continuation of course 51. Winter. 9:30. Four hours credit. Clark.

53. Money and Banking.—A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. A study of the present-day currency and banking problems in the United States. Economics 11 and 12, prerequisite. Spring, 9:30. Four hours credit. Clark.

54. Investments.—A study of the various forms of investment; distinction between investment and speculation; methods of investment. Prerequisite, Finance and Banking 51. Spring. 9:30. Four hours credit. Clark.

56. Trusts and Monopolies.—A study of the development, organization and economic functions of industrial combinations with special emphasis upon their relation to our present social order and the problems they present. Autumn. Four hours credit. Miller.

75. Foreign Exchange.—This course considers briefly the inter-bank relations and domestic exchange. The main emphasis will be given to bills of exchange import creditors, gold movementse, etc. Spring. Four hours credit. Swenson.

Graduate Course

111. Financial Problems in Educational Administration.—See Educational Administration 11. Nuttall.

FOODS AND NUTRITION.

Assistant Professor Cannon, Miss Warnick

Lower Division Courses

The following courses are required of all students majoring in Foods and Nutrition: 21, 22, 23, 56, 57.

11. Cookery.—A practical course in food preparation, meal planning and serving for house-wives, and for students following lines of study other than Home Economics. Spring. T. Th. 2:30-5:30. Three hours credit. Warnick.

21. Food Selection, Preparation and Serving.—Prerequisite, Chemistry 1 and 2. Special emphasis is placed on food production. The economy, the palatability, and the proper balance of meals are considered. Autumn. T. Th. 2:30-5:30. Three hours credit. Cannon.

22. Food Selection, Preparation and Serving.—Prerequisite course 21. A continuation of course 21, with special emphasis on different types of meals. Winter. T. Th. 2:30-5:30. Three hours credit. Cannon.

23. Food Selection, Preparation and Serving.—Prerequisite courses 21 and 22. A continuation of courses 21 and 22. Special emphasis is placed on formal table service. Spring. T. Th. 2:30-5:30. Three hours credit. Cannon.

25. Elementary Nutrition.—A single study of the nutritive properties of common food materials and the essentials of an adequate diet. As this course is designed primarily for normal students, food for the school child will receive special attention. Autumn. T. Th. 10:30. Two hours credit. Cannon.

Upper Division Courses

51. Large Quantity Cookery.—Experience in management of school cafeterias, quantity cookery, marketing, keeping of cafeteria accounts. Prerequisites or parallels, courses 21, 22, 23, or equivalent. Stu-

dents should register in the fall for a place during the year. Limited to 4 students each quarter. Autumn. Winter or Spring. Daily 10:30-12:30. Five hours credit. Warnick.

56. Nutrition.—Prerequisites, Chemistry 1, 2, 7, Foods and Nutrition 21, 22, 23. A study of the chemistry, digestion and metabolism of carbohydrates, fats, proteins and mineral salts, also the properties of food and their effort on health and growth. Autumn. M. W. F. 10:30. Three hours credit. Cannon.

57. Dietetics.—Prerequisite, course 56. A continuation of course 56 with a discussion of the latest work on vitamins and the deficiency diseases. The food requirements of the family and individual are considered, special emphasis being placed on infant and child feeding. Winter. M. W. F. 10:30 and one 3-hour laboratory period. Four hours credit. Cannon.

61. Nutrition in Disease.—Prerequisites, courses 56 and 57. The course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases. Spring. T. Th. 10:30. One 3-hour laboratory period. Three hours credit. Cannon.

71. Investigation Cookery.—Prerequisites, courses 56 and 57. Preparation leading to research in Foods and Nutrition. Spring quarter. Time and credit to be arranged. Cannon.

GEOLOGY AND GEOGRAPHY.

Professor Buss, Associate Professor Hayes, Mr. Watts

Lower Division Courses

1. Introductory Geology.—This course introduces the whole field of Geology and should be elected both by those desiring a general knowledge of the subject and those intending to major in the subject. Autumn. Daily. 9:30 and two Saturday field trips. Five hours credit. Watts.

30. **Mineralogy.**—A course in the determination of eighty of the more common minerals by means of their physical properties. The student must be able to identify at sight the minerals thus determined. Winter. T. Th. 8:30, and six hours of laboratory work. Four hours credit. Hayes.

35. **Petrology.**—A study of rock forming minerals and the common rocks of the ordinary field tests and their larger physical characters. Each student will be expected to collect and trim a collection of twenty-five varieties of rocks. Prerequisite, Geology 30. Spring. lecture Th., 8:30 and four hours laboratory or field work. Two hours credit. Hayes.

40. **Water Resources.**—A study of streams, springs and wells. Spring. Two hours credit. (Not given this year.)

Upper Division Courses

51. **Structural Field Geology.**—A course in the recognition and interpretation of rocks, rock structures and deformations on geological maps and in the field. Training in the making of geological maps and sections. Emphasis is laid on the influence of rock structures on the deposition of metal deposits and the accumulation of oil and water. Geology 1, prerequisite. Spring. M. T. W. Th. 9:30 and forty hours laboratory or field work during the quarter. Five hours credit. Hayes.

* 55. **Sedimentation.**—Lectures on the processes of sedimentation, supplemented by laboratory studies of unconsolidated sediments and sedimentary rocks with the idea of determining their origin and the conditions under which they are formed. Winter. M. W. F. 10:30. Three hours credit. (Not given this year.)

62. **Geology of the United States.**—A thorough course in the stratigraphy of the United States by physiographic provinces. The material published by the U. S. Geological Survey and the state surveys will

be used. Autumn. M. W. F.. 8:30. Three hours credit. Prerequisite, Geology 1 and 70. Hayes.

63. Geology of the United States.—Continuation of course 62. Winter. M. W. F., 8:30. Three hours credit. Hayes.

64. Geology of the United States.—Continuation of course 63. Spring. M. W. F. 8:30. Three hours credit. Hayes.

* **70. Historical Geology.**—A course in the development of the earth and the forms of life that have inhabited it. Prerequisites, Geology 1, or Geography 1 and 2. Winter. Daily, 9:30 and some assigned laboratory work. Five hours credit. Hayes.

71. Invertebrate Paleontology.—A study of invertebrate life forms, of the parts that may be fossilized, and of the conditions under which plant and animal remains have been preserved; and deals with the collection and preparation of fossils and their identification. Autumn. T. Th. 8:30, and three hours laboratory work. Three hours credit. Hayes.

* **72. Stratigraphy and Fossils of the Wasatch.**—A course in the rocks and fossils of the range giving the student experience in collecting and determining fossils and their age. Spring, eight hours field or laboratory work. Three hours credit. Hayes.

* **91. Economic Geology—Non-Metals.**—The geologic occurrence, economic importance and methods employed in mining the non-metallic mineral products such as coal, petroleum, gypsum, salts, etc. Attempts to evaluate these minerals in the United States and especially those in Utah. Suggests prospecting methods and the economic factors concerned in successful exploitation. Prerequisite, Geology 1. Winter. M. W. F., 10:30. Three hours credit. Hayes.

92. Economic Geology.—Metals.—A study of the

economically important deposits of ores of the metals, their occurrence, formation, and relationships, the nature of ore magmas and ore bearing solutions. Spring. M. W. F., 10:30 and three field trips. Three hours credit. Prerequisites, Geology 1 and 30. Hayes.

* 93. **Ore Deposits of Utah.**—Intended to follow course 92. It deals with the genesis of the ores of Utah and their profitable extraction. Embraces a study of the mining districts of the state. Winter. T. Th., 9:30, and trips to Tintic, Bingham and Park City mining districts, the expense of which the student must meet. Three hours credit. Hayes. (Not given this year.)

Graduate Courses

100. **Research.**—Under this course special problems in the field of Geology may be assigned to students prepared to do original work. Hours and credit to be arranged. Hayes.

110. **Geology of Utah.**—Intended for advanced or graduate students who already have a working knowledge of Geology. Deals with the geologic history of the state and its development into distinct provinces. A thorough study of its stratigraphy is made; type localities will be visited to study the formations and structures. 10:30, Autumn, M. W. and three long field trips, the expense of which is borne by the students. Three hours credit. Hayes.

121. **Index Fossils.**—A course dealing with the fossils that mark the geologic periods in Utah. Prerequisites, Geology 70 and 71 or their equivalent. Spring, M., 10:30 and six hours laboratory work by arrangement. Three hours credit. Hayes.

GEOGRAPHY

Lower Division Courses

1. **Advanced Physiography.**—A general course in

the agencies at work on the earth's surface and the forms developed by them. Winter, M. T. W. Th., 1:30 and three hours laboratory work. Five hours credit. Watts.

2. Advanced Physiography.—Continuation of course 1. Spring, M. W. F., 1:30, and several field trips by arrangement. Four hours credit. Watts.

20. Meteorology.—The science of weather and the principles of weather forecasting. Autumn, T. Th., 1:30, and one to two hours a week of weather observation. Two hours credit. (Not given this year.)

30. Geography of Economic Products.—This course deals with the geographic and human factors that have governed the development and localization of industries. Autumn, Daily, 1:30. Five hours credit. Watts.

31. Introductory Geography.—course introducing all other work in the department. Deals with the fundamental principles of Geography whether political, historical, physiographic or economic. Autumn, M. T. W. Th., 10:30. Four hours credit.

Upper Division Courses

51. The Geography of Life.—Lectures and readings on the factors that control the distribution and abundance of plants, animal and human life. A thesis on some assigned aspect of the subject. Spring, M. W. F., 10:30, and two all day field trips. Four hours credit. (Not given this year.)

***61. Geography of the United States.**—Geography 1 and 2 are prerequisites to this course. Autumn, M. W. F., 8:30. Three hours credit. Professor Buss. (Not given this year.)

***80. Human Geography.**—The response man has made to his geographic environment. Deals more with man's modification and control of nature than with nature's effect on him. Winter, T. Th., 10:30, and

some laboratory and field work. Three hours credit. Hayes.

Graduate Courses

100. **Research.**—Under this course special problems may be assigned students who are prepared to do original work in the field of Geography. Hours and credit to be arranged. Buss. (Not given 1925-26.)

111. **Physiography of Utah.**—Open to advanced students in Geography. Deals with the present surface forms of Utah and how they came to be developed. Spring, T. Th., 8:30, and three Saturday field trips. Three hours credit. Buss. (Not given 1925-26.)

112. **The Exploration, Settlement and Resources of Utah.**—Lectures, reading and reports. Spring, W. F., 8:30. Two hours credit. Buss. (Not given 1925-26.)

ASTRONOMY

Upper Division Courses

51. **Descriptive Astronomy.**—A course that deals with the fundamental laws that govern the heavenly bodies. It is especially intended to introduce students to the larger concepts of Nature. Of great value in the philosophy of Geology. Autumn, Daily, 9:30. Five hours credit. Hayes.

HISTORY

Professors Jensen, Snow; Assistant Professor Romney

All students who major in History should arrange their courses in order to make it possible for them to follow lower division courses with upper division courses in the same field of history.

Lower Division Courses

1. **History of Modern Europe, 1500 to 1689.**—A study of the culture of the 16th century; the Commer-

cial and Protestant Revolutions: the wars of Religion: the international rivalries and conflicts to about the close of the seventeenth century. Autumn, 8:30. Four hours credit. Snow.

2. **History of Modern Europe, 1689 to 1815.**—Central Europe in the eighteenth century; Eastern and Southeastern Europe including Russia; the Old and the New in conflict; the influence of science and philosophy; the French Revolution. its antecedents and consequences to 1815. Winter 8:30. Four hours credit. Snow.

3. **History of Modern Europe, 1815 to 1925.**—Liberalism vs reaction to 1870. The hegemony of Germany, 1870-1907; formation of alliances; new imperialism and international rivalries culminating in the World War; the aftermath. Spring, 8:30. Four hours credit. Snow.

10. **History of England to 1485.**—The origins of English institutions; the beginnings of nationality; the Norman conquest and its results; feudalism in England; influence of Henry II. and Edward I.; parliamentary development of the 13th century; the beginning and development of popular rights; the rise of industrial and commercial classes; the Hundred Years War; the War of the Roses. Autumn, 1:30. Three hours credit. Romney.

11. **History of England, 1485 1714.**—England under the Tudors; constitutional reaction; the struggle of the Stuarts with the forces of Puritanism; the commonwealth and the protectorate; influences of Cromwell; the restoration and the threat of the later Stuarts; the revolution of 1688; reign of Queen Anne. Winter. 1:30. Three hours credit. Romney.

12. **History of England, 1714 to 1925.**—The development of cabinet government; the wars with France; the Napoleonic struggles; the conditions leading to the American Revolution and the loss of the American

colonies; the expansion of the British Empire; the political, social, religious, and economic reforms of the nineteenth century, the Irish question; Great Britain in the World War; present problems. Spring, 1:30. Three hours credit. Romney.

20. **American History to 1789.**—A study of the problems of discovery, exploration, and colonization; European conflicts for colonial possessions in America; causes, conflicts, and results of the American Revolution; establishment of State governments; the "Critical Period" and its problems; the work of the Federal Constitutional Convention; ratification of the Constitution. Autumn. 2:30. Three hours credit. Jensen.

21. **American History, 1789 to 1861.**—The establishment of a national government; political theories of Federalists and Anti-Federalists; Jeffersonian democracy; the Second War with England; the "Rise of the New West"; formulation of the Monroe Doctrine; the Jacksonian "region"; nullification; the Mexican War; economic, political, and moral phases of slavery. Winter, 2:30. Three hours credit. Jensen.

22. **American History since 1861.**—The problem of secession; the military, political and economic aspects of the Civil War; problems of reconstruction; civil service reform; the Far West; Spanish-American War; the Philippine question; industrial and social problems; diplomacy and foreign relations; political parties and party activities; participation in the World War. Spring, 2:30. Three hours credit. Jensen.

26. **History of the Americas, 1492 to 1776**—Colonial America; America, the frontier of Europe; action and reaction. The Spanish, Portuguese, French, Dutch, Swedish and Danish colonies; expansion and international rivalry; colonial America on the eve of separation from Europe. Autumn. 10:30. Three hours credit. Snow.

27. **History of the Americas, 1776 to 1821.**—The

separation of America from Europe and the founding of the American nations; the revolt of the English colonies and the founding of the United States; the founding of British Canada and the opening of the Northwest; the revolt of Hispanic America and the founding of the Hispanic American nations. Winter, 10:30. Three hours credit. Snow.

28. History of the Americas, 1820 to 1925.—The developments of the American nations and international relations. A century of expansion; American neighbors north and south. Spring, 10:30. Three hours credit. Snow.

30. Early Oriental History.—This course deals with the most ancient civilization of the world. A study is made of Egypt, Babylonia, Assyria, China, India, Arabia, Persia, the Hebrews, and other oriental races. Open to all students of college standing. The course will be particularly helpful to students whose theological work deals with the Jewish scripture. Autumn. 9:30. Three hours credit. Romney.

31. Early Grecian History.—A study of early Grecian history covering the period from the very earliest time down to the Age of Pericles. A survey will be made of the Minoan Age; the transition from the Minoan to Hellenic life; evolution of the city-state; Crete and Lacedaemon civilization; Athens from monarchy to democracy; conquest of Asiatic Greece; the wars with Persia and Carthage and the age of the war heroes.

32. Later Grecian History.—From the beginning of the Periclean Age to the Fall of Alexander's Empire. An extensive study will be made of the Age of Pericles; the Peloponnesian wars; the Lacedaemonian Empire and the ascendancy of Thebes; Sicily and Magna Greece; the rise of Macedon; Alexander's Empire and the Hellenistic kingdoms.

Upper Division Courses

50. Early Roman History.—A history of the Roman people from the earliest times down to the fall of the Republic, dealing with the beginning of Rome, the origin and development of the Republic, the struggle with Carthage, the period of revolution, and the dictatorship of Caesar. Winter, 9:30. Three hours credit. Romney.

51. Later Roman History.—A study of the Roman world from the fall of the Republic to the overthrow of the empire in the west, dealing with the growth of the empire, its social religious, administrative, and legal contributions to civilization, the barbarian migrations, the decline and fall of the empire. Spring, 9:30. Three hours credit. Romney.

60. Medieval History.—The Church and the Barbarians; the rise and influence of Monasticism; the growth of the Frankish kingdom and the age of Charlemagne; the Normans as colonizers with particular reference to their influence in the Mediterranean area; feudalism and its results. Autumn, M. W. F., 2:30. Three hours credit. Snow.

61. Medieval History.—The Church and the Empire; the rise and influence of Mohammedanism; the new Turk menace in the East; the Crusades. Winter, M. W. F., 2:30. Three hours credit. Snow.

62. Medieval History.—The cultural leadership of France in the 12th century; the emergence of towns and renewed interest in commerce; rise of universities; the conciliary movement and democracy; the growth of national states. Spring, M. W. F., 2:30. Three hours credit. Snow.

***70. Revolutionary Europe, 1789-1852.**—A study of the new forces of liberalism contributing to the French Revolution and greatly accentuated by the catastrophic event. These forces will be studied in their exaggerat-

ed form to 1815, and in their struggle against reaction and absolutism after that date to 1852. Autumn, 3:30. Three hours credit. Snow. (Not given this year.)

***71. Europe, 1852-1907.**—Exaggerated nationalism. A study of the new industrial revolution and the era of the benevolent Bourgeoisie. Russia, Germany, Italy, France, and Austria will be studied in the light of the new forces at work. Also the Near Eastern question will receive special attention. Winter, 3:30. Three hours credit. Snow. (Not given year.)

***72. Europe since 1907.**—A study of the new imperialism and its far reaching results in Asia, Africa, Australia, and South America; International relations, 1870-1914; (a) the Concert of Europe, (b) the Hegemony of Germany, (c) the Balance of Power; general and immediate causes of the World War; the progress and conclusion of the War. Spring 3:30. Three hours credit. Snow. (Not given this year.)

***80. History of the West and the Ever Receding American Frontier.**—After a brief survey of European expansion in North America and international rivalry for the Caribbean area and the Atlantic tide water region, attention will be given to the French in the heart of America and their eventual downfall at the hands of the English 1763. Spanish expansion in the southwest and up the Pacific coast will be given consideration. With this background and setting the American west and the significance of the frontier will be given detailed study. Autumn quarter will end with the Western War of 1812. M. W. F., 3:30. Three hours credit. Snow.

***81. History of the West.**—The Development and filling in of the Trans-Mississippi West and the acquisition of territory from Spain and Mexico to 1848. Winter quarter. M. W. F., 3:30. Three hours credit. Snow.

***82. History of the West.**—Various aspects of the frontier and the west in American politics. Western panaceas for economic ills, the cow counties, railroad activities, admission of omnibus states, disappearance of frontier 1892. Spring. M. W. F., 3:30. Three hours credit. Snow.

*** 90. Constitutional History of England to 1485.**—(Not given this year.)

***91. Constitutional History of England, 1485 to 1688.**—(Not given this year.)

***92. Constitutional History of England, 1688 to 1920.**—(Not given this year.)

(Courses 90, 91, 92 furnish a good foundation for future legal study.)

***95. American Constitutional History to 1789.**—A study of colonial institutions and the constitutional relations between the colonies and the mother country; the problem of British imperialism; constitutional theories and principles involved in the Revolutionary struggle; problems of the Confederation; and the work of the Federal constitutional convention. Autumn. 2:30. Two hours credit. Jensen.

***96. American Constitutional History from 1789 to 1861.**—A study of the organization of the new government; the problems of nationality and state rights; the constitutional problems involved in slavery and in the expansion of the nation. Winter. 2:30. Two hours credit. Jensen.

***97. American Constitutional History from 1861 to 1920.**—An examination of the theory of secession; constitutional aspects of the war power; the problem of reconstruction; constitutional questions relating to industrial and economic expansion, insular possessions, and the World War. Spring. 2:30. Two hours credit. Jensen.

(Courses 95, 96, 97 are recommended for students intending to study law.)

Graduate Course

101. Research.—Open to properly qualified graduate students. Registration only after consultation. Hours and credit to be arranged. Jensen and Snow.

HORTICULTURE

Mr. Morris, Professors Martin and Tanner

Students majoring in Horticulture are required to take the following: 1, 2, 3, 4, 6, 51, 53, 54, 57, 58, 59. Botany 12 should be taken the first year.

Lower Division Courses

1. Principles of Pomology.—The principles underlying profitable orchard management. Profits will be emphasized. History of orcharding in the United States, methods of planting, selection of locations and sites, marketing, storage, harvesting, thinning, proper care of the trees. Autumn, M. W. F., 8:30, laboratory M, 1:30-4:30. Four hours credit. Morris.

2. Insects Affecting Fruit and Vegetable Crops.—Life histories and methods of control will be emphasized. Each student will be required to make a spray calendar including all harmful insects of Utah. Autumn, T. Th., 8:30, laboratory W, 1:30-4:30. Three hours credit. Tanner.

3. Olericulture.—The underlying principles of home and commercial vegetable production. Production for better profits emphasized. Production for canning factories studied. Spring. M. W. F., 8:30, laboratory M., 1:30-4:30. Four hours credit. Morris.

4. Plant Propagation.—Sexual and asexual means of propagation studied, spores, seeds, grafting, budding, cutting, layering, separation. Winter. T. Th. 10:30, laboratory W., 1:30-4:30. Three hours credit. Morris.

5. Home Landscaping and Plant Materials.—Designing of city and country homes. Study of shrubs, flowers, trees and lawn grasses. Appreciation of natural beauty. Designed for women as well as men. Autumn, T. Th., 9:30, laboratory T. 1:30-4:30. Three hours credit. Alternates with Horticulture 52. Morris.

6. Small Fruits.—A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and harvesting. Crops studied are grapes, strawberries, raspberries, dewberries, blackberries, currants and gooseberries. Spring, T. Th., 10:30. Laboratory W. 1:30-4:30. Three hours credit. Morris.

Upper Division Courses

51. Origin and History of Cultivated Plants.—Study of origin of species and varieties. Changes and adaptation of plants. Interesting historical facts of plants. Winter, T. Th., 9:30. Two hours credit. Morris.

52. Principles of Landscape Design.—History of landscape architecture. Art in landscape gardening. The arrangement of buildings, walks, drives, planting of flowers, shrubs and trees. The following are studied: home and upblic grounds, village improvement, streets, parks, playgrounds, cemeteries. Spring, T. Th., 9:30, laboratory. T., 1:30-4:30. Three hours credit. Alternates with Horticulture 5. (Not given this year.)

53. Systematic Pomology.—Emphasis placed on identification of fruits and fruit trees. Wild and cultivated species studied. Development of varieties from species. Description and nomenclature. Autumn, T. Th., 10:30, laboratory, Th. 1:30-4:30. Three hours credit. Morris.

54. Fundamentals of Fruit Production.—A technical course based upon plant physiology and morpho-

logy as applied to fruit production. Nutrition. water relations, winter injury, pollination problems, physiology of pruning, climatic factors will be studied. Winter, M. W. F., 8:30. Three hours credit. Morris.

55. General Horticulture.—A course for seniors in agriculture not majoring in horticulture but who wish general information concerning the subject. Spring, M. W. F. 9:30, laboratory, Th. 1:30-4:30. Four hours credit. Morris.

56. Practical Problems in Horticulture.—A study of horticultural problems of Utah. Orchards and plantations will be visited and studied. How to make more money on the farm will be emphasized. Spring. Laboratory. Time to be arranged. One hour credit. Morris.

57. Plant Breeding.—A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection for the development of plant varieties, as practiced in Europe and America. Prerequisite Zoology 50. Winter T. Th. 8:30, laboratory M. 1:30-4:30. Three hours credit. Morris.

58. Diseases of Cultivated Plants.—See Botany 70. Students taking Botany 70 may get credit in Horticulture. Four hours credit. Morris.

59. Seminar.—A review of the research work being done at the various Experiment Stations. For seniors majoring in Horticulture. One hour credit. Time to be arranged. Morris.

67. Teaching of Agriculture.—(See Agr. 67.) Martin.

Graduate Courses

101. Methods of Research.—Methods used in the investigation of horticultural problems. Study of published reports, outlining, methods of attack. Time and credit to be arranged. Morris.

102. Research.—Students who are qualified are

required to do some horticultural research problems. Time and credit to be arranged. Morris.

HOUSEHOLD ADMINISTRATION

Miss Warnick

Associate Professor Larsen

Lower Division Course

25. Household Problems.—This course will present the most important problems in the organization and management of the household, including a simple study of the family income and its expenditure. Open to housewives and to students not majoring in Home Economics. Winter. M. W. F., 9:30. Three hours credit. Warnick.

Upper Division Courses

51. Teachers Course.—Home care of the sick. Prerequisite, Botany 21. Autumn. T. Th., 9:30. Two hours credit. Warnick.

55. Teachers Course.—A course in child care. Winter. M. W. F. 8:30. Three hours credit. Warnick.

Note. Household Administration 51 and 55 are designed for teachers of home nursing and child care, yet will be of value to mothers and social workers. For students majoring in Home Economics, Zoology, and Entomology 50 should precede or parallel Household Administration 55.

61. Home Management.—The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools. Autumn. M. W. F., 9:30. Three hours credit. Warnick.

68. Home Planning and Applied Art.—Historic development of the house. Study of American styles of home architecture. Proper location and environment for the home. House planning, study of plans and

specifications. Effect of form, line and color. Two recitations and one studio hour. Winter. M. W. F., 1:30. Two hours credit. Larsen.

69. Home Planning and Applied Art.—Continuation of Household Administration 68. Home furnishing. Study of walls and wall finishes, floors and floor finishes, lighting, draperies, upholstering, furniture, pictures, bric-a-brac. Study of scale, color, texture, structural harmony and the proper use of ornament. Spring. M. W. F., 1:30. Two hours credit. Larsen.

71. Economics of the Household.—A study of the household in its economic and social relation, including a study of the family income and its expenditures. Prerequisites, Sociology 11 or Economics 11. Winter, T. Th., 9:30. Two hours credit. Warnick.

80. Methods.—Methods of teaching Home Economics. Aims, organization of subject matter, lesson plans, course of study, equipment. Prerequisite, Secondary Teaching 51, for seniors majoring in Home Economics. Spring. T. Th., 8:30. Two hours credit. Warnick.

Note. This counts toward a major in Foods and Nutrition or in Clothing and Textiles and is required of all students majoring in these departments.

85. Practice Teaching in Home Economics.—(See Secondary Teaching 54.)

LIBRARY.

Miss Ollerton, Mrs. Gillespie, Mrs. Brown

11. Use of Books and Libraries.—The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis. Autumn, Winter or Spring. 3:30. Th. One hour credit. Ollerton.

MATHEMATICS.

Professor Eyring, Assistant Professor Marshall, Mr. Christensen

Lower Division Courses

5. Shop Mathematics.—Deals with belt and pulley speeds, gear ratio, tapes, threads, building problems, etc. Autumn. Daily. Five hours credit.

11. Plane and Spherical Trigonometry.—The study of the trigonometric functions of angles and the solution of triangles, trigonometric equations and the theory and use of logarithms. The course is fully illustrated by practical problems. Autumn. 9:30. Five hours credit. Marshall.

12. College Algebra.—A brief review of high school Algebra; quadratic equations; permutations and combinations; determinants, etc. Winter. 9:30. Freshman year. Five hours credit. Marshall.

13. Graphical and Statistical Methods.—The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc. Spring. 9:30. M. W. F. Three hours credit. Marshall.

35. Mathematical Theory of Investments.—This course deals with the application of Mathematics 12 to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values and building and loan association. Prerequisites. Mathematics 12 or its equivalent. Spring. 10:30. M. W. F. Three hours credit. Marshall.

Upper Division Courses

50. Analytic Geometry.—A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Freshman year. Spring. 9:30. Five hours credit. Marshall. (Not given this year.)

51. Differential and Integral Calculus.—The study of functions and their graphical representation; differentiation, rate of change of a function; integration as the limit of the sum; definite integrals; expansion in series; indeterminate forms; partial differentiations; and the multiple integration, with geometrical applications to areas and volumes and with mechanical applications to attraction, moment of inertia. Autumn.

52. Differential and Integral Calculus.—Continuation of 51. Winter. M. W. F. at 8:30. Three hours credit. Eyring.

53. Differential and Integral Calculus.—Continuation of 52. Spring. M. W. F., at 8:30. Three hours credit. Eyring.

61. Definite Integrals.—The study of the properties and methods of computing definite integrals with applications of Physics and Geometry. Byerly's Integral Calculus will be used as a text. Junior or Senior year. Autumn, 8:30. Four hours credit. (Not given this year.)

71. Differential Equations.—The study of differential equations of the first order, linear differential equations, total and partial differential equations, with numerous applications of Physics. Junior or senior year. Autumn, 8:30. Three hours credit. Marshall.

72. Differential Equations.—Continuation of 71. Winter, 8:30. Three hours credit. Marshall.

86. Analytical Mechanics.—The general principles of mechanics; the statics and dynamics of particles, rigid bodies and fluids. Spring, 8:30. Four hours credit. M. T. Th. F. Marshall.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 13, 50, 51, 52, 53, 71, 72.

MECHANIC ARTS

Assistant Professor Snell, Mr. Bigelow

AUTO MECHANICS

Lower Division Courses

11. **Elementary Auto Mechanics.**—Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axels, transmission systems and engines. Drafting recommended as parallel course. Lectures and demonstrations twice a week. Autumn. Daily, 3:30-5:30. Three hours credit. Bigelow.

12. **Elementary Auto Mechanics.**—Construction and adjustment of carburetors and ignition systems. Winter. Daily, 3:30-5:30. Three hours credit. Bigelow.

13. **Elementary Auto Mechanics.**—Ignition, timing, "trouble shooting," battery work and starting and lighting systems. Spring. Daily, 3:30-5:30. Three hours credit. Bigelow.

WOODWORK

11. **Elementary Construction.**—This course is designed (1) for the student who wishes training in the fundamental principles preparatory to pursuing this line of work, or (2) for the student who has had this training but wishes only a general course that will enable him to construct the simpler buildings, etc., in and around the farm and home, such as gates, fences and farm buildings. Attention is given to individual needs. Students should have had or should be taking drafting as a parallel course. Autumn. M. T. W. Th., 1:30-3:30. Two or three hours credit according to time. Credit given on the basis of three hours credit for 9 hours application each week. Snell.

12. **Elementary Construction.**—Winter. Continuation of 11. M. T. W. Th. Snell.

13. Elementary Construction.—Spring. Continuation of 12. Daily, 1:30-3:30. Snell.

21. Cabinet Construction.—This course is designed to teach the principles of cabinet construction. After the problem is chosen, drawings and blue-prints are submitted and the article is made to conform to these. Training is given in the use of modern wood-working machinery. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and hand polishing. Prerequisite, Drafting, 13. Autumn. M. T. W. Th. 1:30-3:30. Snell.

22. Cabinet Construction.—Continuation of 21. winter. M. T. W. Th. Snell.

23. Cabinet Construction.—Continuation of 22. Spring. M. T. W. Th. 1:30-3:30. Snell.

Upper Division Courses

51. Carpentry.—This course deals with the theoretical side of building. Location, soil conditions, footings, materials, etc. Application of the steel square to framing. Outside and inside finish. Prerequisite, Drafting 13. Drafting 51 should be taken as a parallel course. Autumn. M. W. F. Time to be arranged. Three hours credit. Snell.

52. Carpentry.—Thorough drill in saw filing. Tool practice applied in practical problems growing out of carpentry 51. Fitting and hanging doors and windows, building in cabinets, stair construction and framing. Prerequisites, Carpentry 51 and Drafting 51. Winter. M. T. W. Th. 3:30-5:30. Three hours credit. Snell.

53. Estimating.—Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor for excavations, foundations, cement work, heating, plumbing, painting, etc. Permits, contracts, liens. Prerequisites, Drafting 63.

Spring. M. W. F. Time to be arranged. Three hours credit. Snell.

61. Shop Work.—Under the supervision of the instructor, students may do advanced work, consisting of the erection of buildings, built-in work, fancy furniture, or novelty work. Complete plans and specifications must be submitted and accepted before work is begun. Prerequisite, Woodwork 51, 52, 53 or their equivalent. Time to be arranged. Credit given on the basis of three hours for nine hours of application each week during the quarter. Autumn. Snell.

62. Shop Work.—Continuation of 61. Time, credit, etc., as in 61. Winter. Snell.

63. Shop Work.—Continuation of 62. Time, credit, etc., as in 62. Spring. Snell.

MODERN LANGUAGES AND LATIN

Professor Cummings, Associate Professor de Jong, Mr. Whetten

GERMAN

Lower Division Courses

1. Elementary German.—Beginning course. Easy reading and the fundamentals of grammar. Special attention to pronunciation. Autumn, 1:30. Four hours credit. de Jong.

2. Elementary German.—Prerequisite, German 1. Reading, vocabulary-building, and grammar drill. Winter, 1:30. Four hours credit. de Jong.

3. Elementary German.—Prerequisite, German 2 or one year of high school German. Oral work based upon considerable reading. Thorough review of grammar. Spring 1:30. Four hours credit. de Jong.

4. Second-Year German.—Prerequisite, German 3. Reading, grammar review, and composition. Autumn, 2:30. Four hours credit. de Jong.

5. Second-Year German.—Prerequisite, German 4 or two years of High School German. Reading, grammar, and composition. Winter, 2:30. Four hours credit. de Jong.

6. Second-Year German.—Prerequisite, German 5. Reading, grammar, and composition. Spring, 2:30. Four hours credit. de Jong.

13. Directed German Reading. — Prerequisite, eight hours of German or one year of high school German. The consent of the instructor is required. About six hours a week of outside reading in the general field. Reading is reported once a week. Autumn, Winter, Spring. Hour by arrangement. Two hours credit. de Jong.

15. Directed German Reading. — Prerequisite, twelve hours of German. The consent of the instructor is required. About six hours a week of outside reading in the general field. Reading is reported once each week. Autumn, Winter, Spring. Hour by arrangement. Two hours credit. de Jong.

Upper Division Courses

51. Third Year Composition and Conversation.—Prerequisite, 24 hours of German. Winter, 9:30. Three hours credit. de Jong.

52. Third Year Composition and Conversation.—Prerequisite. German 6 or equivalent. Three hours credit. de Jong.

53. Third Year Composition and Conversation.—Prerequisite, German 6 or equivalent. Three hours credit. de Jong.

54. German Oral Practice.—Prerequisite, 12 hours of German. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in German plays, etc. Autumn, hour to be arranged. One hour credit. de Jong.

55. German Oral Practice.—Prerequisite, 12 hours of German. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in German plays, etc. Winter, hour to be arranged. One hour credit. de Jong.

56. German Oral Practice.—Prerequisite, 12 hours of German. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in German plays, etc. Spring, hour to be arranged. One hour credit. de Jong.

57. Directed German Reading.—Prerequisite, sixteen hours of German or two years of high school German. The consent of the instructor is required. About six hours a week of outside reading of more advanced character. Reading is reported once each week. Autumn, Winter, Spring. Hour by appointment. Two hours credit. de Jong.

58. Directed German Reading.—Prerequisite, sixteen hours of German or two years of high school German. The consent of the instructor is required. About six hours a week of outside reading of more advanced character. Reading is reported once each week. Autumn, Winter, Spring. Hour by appointment. Two hours credit. de Jong.

61. History of Modern German Literature.—Prerequisite, 24 hours of German. A survey of the chief literary movements and reading of representative authors. Three hours credit. de Jong.

71. German Classics.—Prerequisite, 24 hours of German. Masterpieces of the novel are read, some in class and others are read outside and reported. Three hours credit. de Jong.

72. German Classics.—Prerequisite, 24 hours of German. Masterpieces of the drama are read, some in class, and some are read outside and reported. Three hours credit. de Jong.

FRENCH

Lower Division Courses

1. **Elementary French.**—Beginning course. Easy reading and the fundamentals of grammar. Special attention to pronunciation. Autumn, 9:30. Four hours credit. Cummings.

2. **Elementary French.**—Prerequisite: French 1. Reading, vocabulary building, grammar drill. Winter, 9:30. Four hours credit. Cummings.

3. **Elementary French.**—Prerequisite: eight hours of French or one year of high school French. Oral work based largely on abundant reading. Thorough review of grammar. Spring, 9:30. Four hours credit. Cummings.

4. **Second-Year French.**—Prerequisite: French 3 or equivalent. Reading, grammar, review, and composition. Autumn, 10:30. Four hours credit. Cummings.

5. **Second-Year French.**—Prerequisite: French 4 or two years of high school French. Reading, grammar review, and composition. Winter, 10:30. Four hours credit. Cummings.

6. **Second-Year French.**—Prerequisite: French 5 or equivalent. Reading, grammar, and composition. Spring, 10:30. Four hours credit. Cummings.

13. **Directed French Reading.**—Prerequisite: eight hours of French or one year of high school French. The consent of the instructor is required. About six hours a week outside reading in the general field. Reading is reported once a week. Autumn, Winter, Spring. Hour by appointment. Two hours credit. Cummings.

15. **Directed French Reading.** — Prerequisite: twelve hours of French. The consent of the in-

structor is required. About six hours of outside reading in the general field. Reading is reported once each week. Autumn, Winter, Spring. Hour bp appointment. Two hours credit. Cummings.

Upper Division Courses

51. Third-Year Composition and Conversation.—Prerequisite: 24 hours of French. Autumn, 1:30. Three hours credit. Cummings.

52. Third-Year Composition and Conversation.—Prerequisite: 24 hours of French. Three hours credit. Cummings.

53. Third-Year Composition and Conversation.—Prerequisite: 24 hours of French. Three hours credit. Cummings.

54. French Oral Practice.—Prerequisite: 12 hours of French. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in French plays, etc. Autumn, hour to be arranged. One hour credit. Cummings.

55. French Oral Practice.—Prerequisite: 12 hours of French. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in French plays, etc. Winter, hour to be arranged. One hour credit. Cummings.

56. French Oral Practice.—Prerequisite: 12 hours of French. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in French plays, etc. Spring, hour to be arranged. One hour credit. Cummings.

57. Directed French Reading.—Prerequisite: 16 hours of French or two years of high school French. The consent of the instructor is required. About six hours a week of outside reading of more advanced character. Reading is reported once each week. Aut-

umn, Winter, Spring. Hour by appointment. Two hours credit. Cummings.

58. Directed French Reading.—Prerequisite: 16 hours of French or two years of high school French. The consent of the instructor is required. About six hours a week of outside reading of more advanced character. Reading is reported once each week. Autumn, Spring. Hour by appointment. Two hours credit. Cummings.

61. History of Modern French Literature.—Prerequisite: 24 hours of French. A survey of the chief literary movements and reading of representative authors, since the Renaissance. Three hours credit. Cummings.

71. French Classics.—Prerequisite: 24 hours of French. Masterpieces of the novel are read in class. Three hours credit. Cummings.

72. French Classics.—Prerequisite: 24 hours of French. Masterpieces of the drama are read in class. Special attention is given to dramatic structure. Three hours credit. Cummings.

75. Seventeenth Century French Drama.—Prerequisite: 24 hours of French. Plays of Corenille, Racine, and Moliere are read in class. A study is made of the literary tendencies of the classic period. Spring, 1:30. Three hours credit. Cummings.

76. Nineteenth Century French Drama.—Prerequisite: 24 hours of French. Representative plays of nineteenth century dramatists read and analyzed in class. Three hours credit. Cummings.

77. Nineteenth Century French Novel.—Prerequisite: 24 hours of French. The various tendencies in fiction are studied. Analysis in class and reports on outside reading. Winter, 1:30. Three hours credit. Cummings.

86. Twentieth Century French Drama.—Prerequisite; 24 hours of French. Current tendencies are studied and representative plays are read in class and as outside reading. Three hours credit. Cummings.

87. Twentieth Century French Novel.—Prerequisite; 24 hours of French. Current tendencies are studied and representative novels are read in class and as outside reading. Three hours credit. Cummings.

***91. French and Latin Elements in English.**—Prerequisite: four or five courses in French, Latin, or Spanish. A study of the penetration of Latin and Neo-Latin elements into English. 1:30. Two hours credit. Cummings.

Graduate Courses

101, 102. Advanced Composition and Conversation.—Prerequisite: 30 hours of French. Three hours credit. Cummings.

110. Problems of Teaching French.—Prerequisite, 20 hours French. Teaching methods. Pedagogical bibliography. Suggestions regarding textbooks. Primarily for French majors. Two hours credit.

SPANISH

Lower Division Courses

1. Elementary Spanish.—Beginning course. Easy reading and the fundamentals of grammar. Special attention to pronunciation. Autumn, 8:30. Four hours credit. Whetten.

2. Elementary Spanish.—Prerequisite: Spanish 1. Reading, vocabulary building, grammar drill. Winter, 8:30. Four hours credit. Whetten.

3. Elementary Spanish.—Prerequisite: Spanish 2 or one year of high school Spanish. Oral work based largely on abundant reading. Thorough review of grammar. Spring, 8.30. Four hours credit. Whetten.

4. Second-Year Spanish.—Prerequisite: Spanish 3 or equivalent. Reading, grammar review, and composition. Autumn, 8:30. Four hours credit. de Jong.

5. Second-Year Spanish.—Prerequisite: Spanish 4 or two years of high school Spanish. Reading, grammar review, and composition. Winter, 8:30. Four hours credit. de Jong.

6. Second-Year Spanish.—Prerequisite: Spanish 5 or equivalent. Reading, grammar and composition. Spring, 8:30. Four hours credit. de Jong.

13. Directed Spanish Reading.—Prerequisite: 8 hours of Spanish or one year of high school Spanish. The consent of the instructor is required. About six hours a week outside reading in the general field. Reading is reported once a week. Autumn, Winter, Spring. Hour by arrangement. Two hours credit. Whetten.

15. Directed Spanish Reading.—Prerequisite: 12 hours of Spanish. The consent of the instructor is required. About six hours of outside reading in the general field. Reading is reported once each week. Autumn, Winter, Spring. Hour by appointment. Two hours credit. Whetten.

Upper Division Courses

51. Third-Year Composition and Conversation.—Prerequisite: Spanish 6 or equivalent. Autumn, 9:30. Three hours credit. de Jong.

52. Third-Year Composition and Conversation.—Prerequisite: Spanish 6 or equivalent. Winter. Three hours credit. de Jong.

53. Third-Year Composition and Conversation.—Prerequisite: Spanish 6 or equivalent. Spring. Three hours credit. de Jong.

54. Spanish Oral Practice.—Prerequisite 12 hours

of Spanish. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in Spanish plays, etc. Autumn, hour to be arranged. One hour credit. de Jong.

55. **Spanish Oral Practice.**—Prerequisite 12 hours of Spanish. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in Spanish plays, etc. Winter, hour to be arranged. One hour credit. de Jong.

56. **Spanish Oral Practice.**—Prerequisite 12 hours of Spanish. The consent of the instructor is required. The student prepares narratives, oral reports of readings, participates in Spanish plays, etc. Spring, hour to be arranged. One hour credit. de Jong.

61. **History of Modern Spanish Literature.**—Prerequisite: 24 hours of Spanish. A survey of the chief literary movements and reading of representative authors, since the Renaissance. Three hours credit. Cummings.

71. **Spanish Classics.**—Prerequisite: Spanish 6 or equivalent. Masterpieces of the Spanish novel are read, some being analyzed in class, and others being read outside and reported. Three hours credit. de Jong.

72. **Spanish Classics.**—Prerequisite: Spanish 6 or equivalent. Masterpieces of the Spanish drama are read, some being analyzed in class, and others being read outside and reported. Three hours credit. de Jong.

76. **Nineteenth Century Spanish Drama.**—Prerequisite: 24 hours of Spanish. Representative plays of nineteenth century dramatists read and analyzed in class. Three hours credit. de Jong.

77. **Nineteenth Century Spanish Novel.**—Prerequisite: 24 hours of Spanish. The tendencies in fiction are studied. Analysis in class and reports on outside reading. Three hours credit. de Jong.

LATIN

1. **Elementary Latin.**—Mastery of declensions and conjugations. Correlation of Latin originals and English derivatives. Autumn, 2:30. Four hours credit. Cummings.

2. **Elementary Latin. (continued)**—Easy reading and grammar. Winter, 2:30. Four hours credit. Cummings.

3. **Elementary Latin (continued)**—Reading and grammar. Spring, 2:30. Four hours credit. Cummings.

4. **Second Year Latin.**—Caesar's Gallic War. Autumn. Four hours credit. (Not given this year.)

5. **Second Year Latin. (continued)**—Reading and interpretation of Cicero's Orations. Winter. Four hours credit. (Not given this year.)

6. **Second Year Latin. (continued)**—Readings from Vergil. Spring. (Not given this year.)

PHONETICS

Lower Division Course

1. **Practical Phonetics.**—The elements of the physical, physiological and psychological principles involved in the production and hearing of vocal sounds. Speech mechanism, movement, syllabication, articulation, and enunciation. Designed to lay the foundation for correct diction and speech correction, and to correlate with courses in the spoken arts and music. Winter. 1:30. Two hours credit. Cummings.

MUSIC

The work of this department is grouped into three divisions, viz: **Vocal, Theory, and Instrumental.** Private courses are indicated by a hyphen and a letter p (-p) following the number of the course, e. g., 12-p means course 12 private instruction. In the instrumental division, the letter immediately following the number indicates the instrument, e. g., 7p-p means

course 7 private piano, 7t-p means course 7 private trombone.

Of the 30 hours of credit required for students majoring in music, 15 must be distributed as follows: Private or group vocal art 1 hour, Mixed Chorus or Glee Club 1, Solfeggio 2, Harmony 2, Orchestra 1, Band, 1, Piano or other instrumental 1, Opera and Oratorio 1, History and Appreciation 3, Grammar of Music 2.

These requirements are subject to change where conditions warrant individual consideration.

VOCAL MUSIC

Mr. Hanson, Miss Summerhays, Mrs. Packard

Private Vocal Culture.—These courses provide systematic instruction in vocal study as evolved from the best vocal methods of Europe and America. One, or two hours credit each quarter according to the number of hours of study and recitation. Summerhays and Packard.

Group Vocal Culture.—For the convenience of those whose promise of talent seems yet obscure and whose financial condition is such that they are unable to take private lessons in vocal culture, groups of two, three, or four members are provided, the price of tuition ranging accordingly. Arrangements as to time, etc., are to be made with the director of the department. Summerhays and Packard.

Lower Division Courses

1-p, 4-p. Vocal Culture.—Autumn. One, or two hours credit.

2-p. 5-p. Vocal Culture.—Winter. One or two hours credit.

3p, 6p. Vocal Culture.—Spring. One, or two hours credit.

Mixed Chorus.—These courses are given for the purpose of developing the voices of inexperienced singers in the proper reading of music. Sight-reading, monophonic, polyphonic, and homophonic singing. T. Th. One hour credit. Hanson.

7, 10. Mixed Chorus.—Autumn. T. Th., 12:30. One hour credit.

8, 11. Mixed Chorus.—Winter. T. Th., 12:30. One hour credit.

9, 12. Mixed Chorus.—Spring. T. Th., 12:30. One hour credit.

Male and Ladies Glee Clubs.—These courses are offered to students who desire to further perfect themselves in the better forms of polyphonic and homophonic vocal music. Training is offered in the art of interpreting duets, trios, quartettes, quintettes, sextets, octets, etc., and ensemble works. All singers eligible. M. W. F. Hanson and Summerhays.

13, 16. Glee Club.—Autumn. One hour credit.

14, 17. Glee Club.—Winter. One hour credit.

Upper Division Courses

Prerequisite, Lower division private vocal culture courses, or their equivalent, or standing for eligibility determined by examination. Summerhays and Packard.

51, 54. Vocal Culture.—Autumn. One hour credit.

52, 55. Vocal Culture.—Winter. One hour credit.

53, 56. Vocal Culture.—Spring. One hour credit.

Mixed Chorus.—Prerequisite, Lower Division mixed chorus courses or their equivalent. These courses provide technical solo and ensemble training in the polyphonic and homophonic song classics, and give

further experience in oratorio and opera anthology. One hour credit. Hanson.

57, 66. **Mixed Chorus.**—Autumn. M. W. F. One hour credit.

58, 67. **Mixed Chorus.**—Winter. M. W. F. One hour credit.

59, 68. **Mixed Chorus.**—Spring. M. W. F. One hour credit.

Glee Club.—Prerequisite, Lower Division Glee Club work or its equivalent. These courses are designed to furnish advanced technical training in the highest forms of polophonic and homophonic vocal music adaptable to the male voice. M. W. F. One hour credit. Hanson.

69, 72. **Glee Club.**—Autumn. M. W. F. One hour credit.

70, 73. **Glee Club.**—Winter. M. W. F. One hour credit.

71, 74. **Glee Club.**—Spring. M. W. F. One hour credit.

Opera and Oratorio.—This course is designed to familiarize the student with the standard works in opera and oratorio and to furnish development for operatic and oratorical talent. All students will be assigned parts and roles according to individual talents training and experience. One hour credit. Hanson.

81, 84. **Opera and Oratorio.**—Autumn. M. W. F. One hour credit.

82, 85. **Opera and Oratorio.**—Winter. M. W. F. One hour credit.

83, 86. **Opera and Oratorio.**—Spring. M. W. F. One hour credit.

87, 90. Chamber Society of Vocal Art.—The purpose of this society is to afford special practice in Solo, duet, trio, quartette and other forms of vocal art. The students are given the opportunity of appearing in professional roles, in recitals, concerts and opera. Autumn, T. Th. One hour credit. Hansen.

88, 91. Chamber Society of Vocal Art.—Winter. Continuation of course 87.

89, 92. Chamber Society of Vocal Art.—Spring. Continuation of course 87.

93. Phonetics.—See Phonetics 51 in Department of Modern Languages and Latin.

THEORY OF MUSIC

*Assistant Professor Sauer, Mr. Hansen, Mr. Robertson, Mr. Nelson,
Mr. Fitzroy, Miss Jepperson, Miss Jeppson, Mr. Van Wagenen,
Mr. McAllister*

Lower Division Courses

1a, 2a, 3a. Grammar of Music.—In these courses the student is given thorough training in notation, cleffs, abbreviations, dynamics, terminology, melody, cleff and keys, modes, rhythm, tempo, musical ornaments, etc. Autumn, Winter, Spring. Two hours recitation. Two hours credit each quarter. Van Wagenen.

1, 4. Solfeggio.—Rudiments of music; intervals; study of the major and minor modes; tone; drill and dictation in music reading; sight-singing and sight playing; melody writing, one, two, three, and four-part singing; essentials in conducting, etc. Autumn, M. W. Two hours credit. Robertson.

2, 5. Solfeggio.—Continuation of courses 1 and 4. Winter. M. W. Two hours credit. Robertson.

3, 6. Solfeggio.—Continuation of courses 2 and 5. Elementary harmony. Spring, M. W. Two hours credit. Robertson.

7, 8, 9. Harmony.—Scales; intervals; triads, chords; inversions; the chord of the dominant seventh and inversions; melody writing; original melodies and harmonizations, etc. Autumn, Winter and Spring. T. Th. Two hours credit each quarter. Robertson.

10. History and Appreciation.—The essential facts in the history of music; a conservative recital of the growth of the art of music as one manifestation of the development of human thought. Autumn. M. W. F. Three hours credit. Van Wagenen.

11. History and Appreciation.—Ancient Greek music; music of the Roman Empire; history of Chinese music, etc. Class work supplemented with demonstrations by vocal and instrumental soloists and the Victrola. Winter. M. W. F. Three hours credit. Van Wagenen.

12. History and Appreciation.—History of music in Japan; African music; early Christian music; Book of Mormon music; music of the islands; South American music; American Indian music; North American music, etc. Current musical events, etc. Spring, M. W. F. Three hours credit. Van Wagenen.

13. Normal Music Methods.—The material is presented according to class methods in public schools and as outlined in the State course. Special technique and methods of instruction in every phase of the subject are illustrated by the observation of practice and model lessons in the music training class. Autumn, M. T. W. Th. Four hours credit. McAllister.

25, 26, 27. Group Vocal for Normal Students.—This group is especially designed for students majoring in Education. It deals with the fundamental principles of vocal culture. Fundamentals in singing, breathing, tone production, tone quality, vowels, consonants, etc. Autumn, Winter, and Spring. W. One hour credit each quarter. (Not given this year.)

43, 44, 45. Eurhythmics.—These courses are offered with a view of providing thorough training in rhythm, meter and tempo. The work includes a careful study of musical form, interpretation, phrasing, coloring, etc. Autumn, Winter, Spring. Two hours credit. (Not given this year.)

Upper Division Courses

51, 52, 53. Solfeggio.—Prerequisite, Music Theory 1, 2, and 3. In this course the student is offered advanced and technical training in music reading and interpretation; sight-singing; and sight-playing. The subjects of Theory 1, 2, and 3 in advanced sequence. Autumn, Winter and Spring. M. Th. Two hours credit each quarter. Robertson.

54. Harmony.—Prerequisite, Theory 4, 5, and 6. The supertonic seventh and inversion in major and minor; inversions of the secondary seventh chords in major and minor altered chords etc., and original work in composition for all combinations of voices, instruments and with poetry and prose. The hymn. Autumn. T. Th. Two hours credit. Robertson.

55. Harmony.—Enharmonic changes; general principles of modulation; the suspension; the appoggiatura and anticipation; passing tones and embellishments etc.; and work in composition for all combinations of voices and instruments. Winter. T. Th. Two hours credit. Robertson.

56. Harmony.—Obligato melody; the pedal (organ point;) melodic figuration; florid melodies; accompaniments; harmonizing of the chromatic scale; the figured chorale; original work in vocal composition for all combinations of voices, the anthem, the cantata and oratorio. Spring. T. Th. Two hours credit. Robertson.

57. Keyboard Harmony.—Prerequisite, Theory 4, and knowledge of the piano keyboard. Application

of the principles and theoretical formulas, as outlined in Music Theory 4, is the basis of work in this quarter. The art of improvising is studied. All the work is done at the keyboard. Autumn. T. Th. Two hours credit. Robertson.

58. Keyboard Harmony.—Prerequisite, Theory 4, 5 and 57. Application of the principles and theoretical formulas, as outlined in Music Theory 5. Improvisation and harmonization of melody is studied. Winter. T. Th. Two hours credit. Robertson.

59. Keyboard Harmony.—Prerequisite Theory of Music 4, 5, 6, 57 and 58. Application of the principles and theoretical formulas, as outlined in Music Theory 6. Improvisation, harmonization, the thematic development of melody is thoroughly studied. Spring. T. Th., Two hours credit. Robertson.

60. Form and Analysis.—Prerequisite, Music Theory 4, 5, 6, 54, 55, and 56. Musical form; figures and their treatment; phrasing; thematic development; chord reading; analytical study of hymn tunes, (Latter-day Saint hymns) folk songs; preludes, the suite; the old dances, etc.; original work. Autumn. Th. One hour credit. Robertson.

61. Form and Analysis.—Continuation of Music Theory 60. Theme with variations; the sonata and sonata movement with illustrations from Haydn, Mozart, and Beethoven; the inventions of Bach; the slow movement; the minuet form; the scherzo etc; original work. Winter. Th. One hour credit. Robertson.

62. Form and Analysis.—Contrapuntal forms; monophony; homophony; polyphony; imitation; canon; symphony; the fugue; subject; answer; counter-subject; exposition; repercussion and episodes, etc. Score reading; original research work. Spring. T. Th. One hour credit. Robertson.

63. Counterpoint, Canon, and Fugue.—Prerequisite, Music Theory 4, 5, and 6. In this course and in 64 and 65 emphasis is placed upon the strict forms as a drill work in intellectual activity. Contrapuntal harmony; elementary counterpoint; counterpoint in the various species etc; original work. Autumn. T. Th. Two hours credit. Robertson.

64. Counterpoint, Canon, and Fugue.—Double counterpoint; sequences, imitation; canons; canon in two parts without accompaniment; the infinite canon; canon in contrary motion; canon with two or more contrapuntal parts in different intervals; keyboard work; original work. Winter. T. Th. Two hours credit. Robertson.

65. Counterpoint, Canon, and Fugue.—Counterpoint in five or more parts; motive developments; the stretta; the canon in all of its forms and styles. Fugues in all forms and styles. Analysis; keyboard work; original work. Spring. T. Th. Two hours credit. Robertson.

66, 67, 68. Composition, Instrumentation, and Orchestration.—Prerequisite, Theory 4. Introductory technique in composition for voices and instruments; The orchestra and band, classification, origin, history and development of their instruments. Autumn, Winter, and Spring. T. Th. Two hours credit each quarter. Robertson.

69, 70, 71. Band Arranging.—Prerequisite, Theory 4. This course will be devoted entirely to methods of teaching band instruments, how to get at the band work, and the relationship between the different instruments. The last part of course will include conducting and arranging. Autumn, Winter, and Spring. M. Th. Two hours credit each quarter. Sauer.

76. Normal Music Methods.—The fifth grade; sixth grade; junior high school. The material is presented according to the class methods adopted in the

state school system. Winter. M. W. F. Three hours credit. McAllister.

Normal Music Methods.—Senior high music material; the high school and college mixed chorus and glee clubs; choral technique and interpretation; the voice; Spring, M. W. F. Three hours credit. McAllister.

79. Theory of Music.—The lives, works and styles of the great composers and performers of the past and present. etc; in sequence to Theory of Music 13. What we hear in music, etc. Autumn. Two hours credit. Robertson.

INSTRUMENTAL MUSIC

Assistant Professor Sauer, Mr. Hanson, Mr. Nelson, Miss Jepperson, Mr. Booth, Mr. Robertson, Mr. Fitzroy, Mr. Olson, Mrs. Heaton, Miss Johnson

All students studying reed and brass instruments and instruments of percussion are expected to register for courses in band and in orchestra as long as the private work is continued.

Lower Division Courses

1, 2, 3, 4, 5, 6. Band.—This organization gives students an opportunity to study band organization, band music, and ensemble playing. Material used: standard overtures, operatic selections and miscellaneous band music. Autumn, Winter and Spring. Daily. One hour credit each quarter. Sauer.

7, 8, 9, 10, 11, 12. Philharmonic Orchestra.—This organization affords opportunity for studying string reed and brass instruments, and instruments of percussion. Practice toward perfect rendition of all forms of instrumental composition is provided. Autumn, Winter, and Spring. Daily. One hour credit each quarter. Robertson.

13, 14, 15. (Private,) The Art of Accompanying.—(Pianoforte and Organ.) The purpose of these

courses is to furnish training and supervised practice in the art of vocal and instrumental accompanying. These courses can be studied privately or in groups, as explained under Private Vocal Music. Time and tuition to be arranged with the instructor. Autumn, Winter, and Spring. One hour credit each quarter. Nelson.

1, 2, 3p-p. Pianoforte.—A study of the scales in different rhythm and touches will be made. Czerny Opus 299, Book IV, Mendelssohn's "Songs Without Words" etc., are studied. One lesson a week throughout the year. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson, Hanson, Heaton and Johnson.

4, 5, 6p-p. Pianoforte.—Scales in double thirds fourths and sixths will be given. Beginning of the study of the "Cramer Bulow Studies" and the mastering of the classical and modern piano compositions. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson, Hanson, Heaton and Johnson.

7p-p. Pianoforte Ensemble.—A study of the fundamentals of ensemble playing and the playing of duets at one pianoforte and also two pianofortes. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson.

8p-p. Sight Reading.—Sight reading in duets, six hands and a study of eight hand arrangements. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson.

9p-p. Pianoforte Ensemble.—Study of more difficult ensemble pieces and public rendition of same. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson.

10p-p. Pianoforte Pedagogy.—A study of the methods and problems of pianoforte teaching in the

beginning and elementary grades. Autumn, Winter or Spring. One hour credit. Nelson.

11, 12, 13p-p. Pianoforte Normal Training.—Normal training lectures and demonstrations. This course deals with the application of child psychology and pedagogy, to music study and teaching, principles and methods employed in music teaching. Autumn, Winter, or Spring. One hour credit. Time to be arranged. Fitzroy, Hanson.

15, 16p-p. Pianoforte Normal Training.—(11p-p required as companion study.) Practical experience is given the prospective teacher. Pupils are assigned the training teacher to demonstrate the practical application of the principles involved in the courses. Autumn, Winter or Spring. Time to be arranged. One hour credit. Fitzroy and Hanson.

1, 2, 3v-p. Violin—The method of instruction is based upon those of the great masters and schools of the violin in Europe and America. Hohmann, Practical Violin School Book 1 and 2; Wohlfahrt, Melodious Studies; solos. One, or two hours credit each quarter according to the number of hours of study, and recitation. Robertson and Booth.

4, 5, 6v-p. Violin.—Hohmann, Book III and IV. Scales by Blumenstingal; School of Violin Technique by Schradieck; duets and solos. Autumn, Winter or Spring. One hour credit. Robertson and Booth.

1, 2, 3c-p. Cornet—Rudiments of music. Correct breathing. Mouth and lip positions. Tone production; correct fingering. Autumn, Winter, or Spring. One lesson a week. One hour credit. Sauer.

4, 5, 6c-p. Cornet.—Marks of abbreviation; intervals; and slurs; syncopation; mark of expression; the triplet; the double dot; playing in intervals and syncopation the hold or pause. Autumn, Winter. One lesson a week. One hour credit. Sauer.

1, 2, 3b-p. Baritone.—Autumn, Winter Spring
One recitation a week. One hour credit each course.
Sauer.

11, 12, 13b-p. Bassoon.—Autumn, Winter, Spring.
One recitation a week. One hour credit each quarter.
Sauer.

21, 22, 23b-p. Bass (Tuba.)—Autumn, Winter, Spring.
One recitation a week. One hour credit each quarter.
Sauer.

11, 12 13c-p. Clarinet.—Autumn, Winter, Spring.
One recitation a week. One hour credit each quarter.
Sauer.

14, 15, 16c-p. Clarinet.—Autumn, Winter, Spring.
One recitation a week. One hour credit each quarter.
Sauer.

1, 2, 3d-p. Drums and Tympani.—Autumn, Winter, Spring.
One recitation a week. One hour credit each quarter.
Sauer.

1, 2, 3f-p.—Flute.—Autumn, Winter, Spring. One
recitation a week. One hour credit each quarter. Nelson
and Van Wagenen.

1, 2, 3f-p. Flute.—Autumn, Winter, Spring. One
recitation a week. One hour credit each quarter. Nelson
and Van Wagenen.

11, 12, 13f-p. French Horn.—Autumn, Winter, Spring.
One recitation a week. One hour credit each quarter.
Sauer.

14, 15, 16f-p. French Horn.—Autumn, Winter, Spring.
One recitation a week. One hour credit each quarter.
Sauer.

1, 2, 3o-p. Oboe.—Autumn, Winter, Spring. One
recitation a week. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ.—Autumn, Winter, Spring,

One recitation a week. One hour credit each quarter. Jepperson.

1, 2, 3, 4, 5. 6s-p. Saxophone.—Autumn, Winter, Spring. One recitation a week. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass.—Autumn, Winter, Spring. One recitation a week. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass.—Autumn, Winter, Spring. One recitation a week. One hour credit each quarter. Sauer.

1, 2, 3, 4, 5, 6t-p. Trombone.—Autumn, Winter, Spring. One recitation a week. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola.—Autumn, Winter, Spring. One recitation a week. One hour credit each quarter. Booth and Robertson.

21, 22, 23, 24, 25, 26v-p. Violoncello.—Autumn, Winter, Spring. One recitation a week. One hour credit each quarter. Olsen.

Upper Division Courses

51, 52, 53. Concert Band.—Continuation of Instrumental Music 6, 7 and 8. Students will emphasize tone, interpretation and play solo parts. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

54, 55, 56. Concert Band.—Continuation of course 53. Besides holding first chair, students will be assigned special work. Quartette, solo and conducting. Autumn, Winter and Spring. Daily. One hour credit each quarter. Sauer.

57, 58, 59. Symphony Orchestra.—The work of this organization includes further study of the subjects outlined under the Philharmonic Orchestra. Overtures, selections, operatic selections, classics, symphonies,

symphonic poems, accompaniment for opera and oratorio, etc. are studied. Autumn, Winter, and Spring. Daily. One hour credit each quarter. Robertson.

60, 61, 62. Symphony Orchestra.—Study of symphonies, symphonic poems, overtures, operatic selections and other accompaniments for opera, oratorio and chamber music for all combinations of instruments. Autumn, Winter, and Spring. Daily. One hour credit each quarter. Robertson.

51p-p. Pianoforte.—A beginning of the study of Czerny "School of Virtuoso" and a standard piano concerto; also concert compositions. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson and Hanson.

52p-p. Pianoforte.—Continuation of course 51. Also a study of Bach "Three Part Inventions." One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson and Hanson.

53p-p. Pianoforte.—Continuation of 52p-p. Public rendition of at least a part of a piano concerto from memory and a public recital during the year will be required. Sonata of Grieg and Beethoven will be studied. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson, Hanson.

54p-p. Pianoforte.—Beginning of the study of Clementi "Gradus a Parnassum;" Bach's "Well Tempered Clavichord;" Beethoven's Sonatas will also be given with classical and modern piano compositions. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson, Hanson.

55p-p. Pianoforte.—Continuation of 54p-p, and also a study of a recognized piano concerto. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson, Hanson.

56p-p. Pianoforte.—Continuation of 55p-p. Public rendition of a concerto and one public recital during the year. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson, Hanson.

57, 58, 59p-p. Pianoforte.—A study of different arrangements of concerto compositions, overtures, and symphonies in ensemble and public renditions of same. One lesson a week. Autumn, Winter or Spring. One hour credit. Nelson, Fitzroy, Jepperson, Hanson.

60, 61, 62p-p. Pianoforte Normal Training.—Pre-requisite, Instrumental Music 11p-p, 12p-p, 13p-p, 14p-p, 15p-p, and 16p-p. Pianoforte teaching in higher grades is demonstrated and practiced in this course. Autumn, Winter and Spring. Time to be arranged. One hour credit each quarter. Fitzroy, Hanson.

51, 52, 53, 54, 55, 56v-p. Violin.—Special exercises for the violin. Hohmann Book V; deBerriot, Books I and II for positions; School for transpositions, Dancla; duets; concertos by Rhode, Viotti, Krut-zer, Bach, and deBerriot. The art of bowing, Tartini; scales, arpeggios, technique of bow, Sevcik; concertos by Bruch, Mendelssohn, Vieuxtemps, and Wieniawski. One or two hours credit each quarter according to the number of hours of study and recitation. Robertson, Booth.

51, 52, 53c-p. Cornet.—Technique, muscular control, artificial fingerings, sight reading, metronome mark, musical terms; the trill, shake, turn, grace note, difficult exercises. Autumn, Winter and Spring. One or two hours credit each quarter according to the number of hours study and recitation. Sauer.

54, 55, 56c-p. Cornet.—The art of phrasing and expression, velocity playing, trumpet calls, the effect of temperature on the pitch of the cornet, ensemble playing, transposition, interpretation, how to improve musicianship. The playing of standard solos,

cadences, the most difficult exercises and master of all technical details to the point of playing with artistic ease. Autumn, Winter, Spring. One or two hours credit each quarter according to number of hours of study and recitation. Sauer.

61, 62, 63, 64, 65, 66c-p. **Clarinet.**—Autumn, Winter or Spring. One recitation a week. One hour credit. Sauer.

61, 62, 63, 64, 65, 66o-p. **Organ.**—Autumn, Winter or Spring. One recitation a week. One hour credit. Jepperson.

63p-p. **Pianoforte Pedagogy.**—Prerequisites, Instrumental Music 1p-p., 2p-p., 3p-p., 4p-p., 5p-p., 6p-p., and 10p-p. A study of the methods and problems of pianoforte teaching in the higher and advanced grades. Spring. Time to be arranged. One hour credit. Nelson.

51, 52, 53t-p. **Trombone.**—Autumn, Winter, Spring, One recitation a week. One hour credit each quarter. Sauer.

71, 72, 73, 74, 75, 76vo-p. **Villoncello.**—Autumn, Winter, or Spring. One recitation a week. One hour credit. Olsen.

78, 79, 80 (Private) **The Art of Accompanying.**—Prerequisite: moderate pianoforte or organ technique; a general knowledge of the grammar of music; and a general knowledge of all voices and all orchestral and band instruments. The work includes a technical study of all principles pertaining to artistic accompanying. These courses can be studied privately or in groups, as explained under Private Vocal Art. Time and tuition to be arranged with instructor. Autumn, Winter or Spring. One hour credit. Nelson, Hanson.

OFFICE PRACTICE

Professor Holt, Mrs. Roberts, Mr. Johnson, Mr. Sauls

Lower Division Courses

11. **Shorthand.**—Principles of shorthand according to the standard Pitman system as set forth in the *Phonographic Amanuensis and Reporter's Companion*. Autumn, Daily, 10:30. Five hours credit. Johnson.

12. **Shorthand.**—Continuation of Course 11. Winter, 10:30. Five hours credit. Johnson.

13. **Shorthand.**—Continuation of Course 12. Spring, 10:30. Five hours credit. Johnson.

14. **Advanced Shorthand.** — Dictation work. Special attention will be given to reporting forms, and to the development of skillful writers. Autumn, 10:30. Three hours credit. Holt.

15. **Advanced Shorthand.**—Continuation of course 14. Winter, 10:30. Three hours credit. Holt.

21. **Typewriting.**—Touch Typewriting, according to standard methods. Autumn, Winter or Spring. Six hours a week. Two hours credit. See instructors for time. Johnson, Roberts.

22. **Typewriting.**—Course 21 continued. Autumn, Winter or Spring.

23. **Typewriting.**—Course 22 continued. Autumn. Winter or Spring.

24. **Advanced Typewriting.**—Autumn, Winter, Spring. Daily. Two hours credit. Johnson, Roberts.

31. **Business English.**—The substance and style of business English; clearness in sentences; correctness of dictation; force in sentence structure; force in diction; the paragraph. Business forms and usages; the standards of business usage; the mechanical form of the letter, official and social; remittances; telegrams

and cablegrams; the essential qualities of business letters; claims and adjustments; the various kinds of letters; filing systems. Autumn, Sec. I 8:30, Sec. II 9:30. Three hours credit. Holt, Roberts.

32. Business English.—Continuation of course 31. Winter, Three hours credit. Holt, Roberts.

33. Business English.—Continuation of course 32. Spring. Three hours credit. Holt, Roberts.

38. Office Management and Methods.—The principles and methods of organization and administration of clerical forces. Office short-cuts in handling routine discussed and demonstrated. Visits made to well organized local offices. The Stenographic Bureau of the institution will be used as a laboratory. Winter, 9:30. Four hours credit. Johnson.

40. Secretarial Practice.—A combination laboratory and lecture course involving a correlation of advanced dictation, stenographic practice, and secretarial procedure, with subject matter from a wide range of American business activity. Prerequisite, Office Practice 11, 12, 13. Spring, M. W. F., 9:30. Three hours credit. Johnson.

PHYSICAL EDUCATION

*Professor Roberts, Dr. Carroll, Dr. Merrill, Dr. Oaks, Miss Jeppson,
Mr. Hart, Miss Lewis*

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous exercises in the form of games, gymnastics and competitive athletics is offered. Instruction and personal hygiene is given in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will

be given each new student upon entering the institution. All freshmen are required to take Physical Education 11, 12 and 13. Upperclassmen are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University, and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required courses in Physical Education.

The department also offers professional courses which are designed to prepare teachers in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Lower Division Courses

11. Elementary Physical Education.—This course is designed for and required of Freshman students. It will include games, athletics, gymnastics, dancing, personal hygiene talks, health interviews, hikes, recreational activities, etc. Autumn. Three periods each week. One hour credit. Sections at 9:30, 10:30, 2:30, and 3:30. For women, Jeppson; for men Roberts and Hart.

12. Elementary Physical Education.—Continuation of Physical Education 11. Winter.

13. Elementary Physical Education.—Continuation of Physical Education 12. Spring.

14. Advanced Physical Education.—Prerequisite: Physical Education 11, 12, 13. This course will embrace instruction in more advanced types of physical educational activities including gymnastics, apparatus exercises, dancing, etc. Required of students majoring Physical Education. Autumn. Two periods a

week at 2:30. One hour credit. For men and women. Roberts.

15. Advanced Physical Education.—Continuation of Physical Education 14. Winter.

16. Advanced Physical Education.—Continuation of Physical Education 15. Spring.

21. Physical Education for Grade Teachers.—This course is designed to prepare students taking the Normal Training courses for the teaching of gymnastics, games, folk dancing, rhythmic exercises, etc., to the children in grade schools. Methods of planning and conducting exercise periods will be taught and abundant opportunity for practice in teaching under expert supervision will be given. The course will deal also with the common physical asymmetries to be found among school children and how to detect and treat these defects. A study will be made of school furniture and school work as to their effects upon the growing child. Every student will be expected to train one month during the recess periods of the training school. Required of all Normals. T. Th., 3:30. One hour credit. Jeppson.

22. Physical Education for Grade Teachers.—Continuation of course 21. One hour credit. Jeppson.

26. Elementary Folk Dancing.—This course will offer instruction in the elementary types of folk and national dances. Autumn. Two periods each week. 9:30. One hour credit. Required of women majoring in Physical Education. Jeppson.

27. Elementary Folk Dancing.—This will be a continuation of Physical Education 26. Winter. Two periods each week. 9:30. One hour credit. Required of women majoring in Physical Education. Jeppson.

28. Elementary Folk Dancing.—This will be a continuation of Physical Education 27. Spring. Two periods each week. 9:30. One hour credit. Required

of women majoring in Physical Education. Jeppson.

31. Elementary Interpretative Dancing.—This course will offer instruction in the fundamentals of grace and rhythm. Autumn. Two periods each week. One hour credit. Lewis.

32. Elementary Interpretative Dancing.—Continuation of Physical Education 31. Winter. Two periods each week. 2:30. One hour credit. Lewis.

33. Elementary Interpretative Dancing.—Continuation of Physical Education 32. Spring. Two periods each week. 2:30. One hour credit. Lewis.

Upper Division Courses

51. Athletic Coaching and Directing—Foot Ball.—This course is designed to prepare students for the coaching of foot ball. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc. Required of all men majoring in Physical Education. Autumn. Five periods each week. Two hours credit. Time to be arranged. Hart.

52. Athletic Coaching and Directing—Basket Ball, Wrestling, and Boxing.—This course is designed to prepare for the coaching of basket ball, wrestling and boxing. Students will be thoroughly drilled in these athletic sports and will be taught methods of teaching and coaching them. A large part of the work will deal with diet of athletes and the best methods of getting them into condition for competition. Required of all men majoring in Physical Education. Winter. Five periods each week. Two hours credit. Time to be arranged. Hart.

53. Athletic Coaching and Directing—Track, Field, Base Ball, and Tennis.—This course will deal with the technique of training for the various events in track and field athletics, base ball and tennis. Methods of conducting field meets and tournaments

will be taught and the students given experience in assisting in coaching. Required of all men majoring in Physical Education. Spring. Five periods a week. Two hours credit. Time to be arranged. Hart.

61. Advanced Interpretative Dancing. — This course will offer instruction in dance technique and various interpretative dance forms. Autumn. Two periods each week. 8:30. One hour credit. Lewis.

62. Advanced Interpretative Dancing.—Continuation of Physical Education 61. Winter. Two periods each week. 8:30. One hour credit. Lewis.

63. Advanced Interpretative Dancing.—Continuation of Physical Education 62. Spring. Two periods each week. 8:30. Lewis.

71. Play and Playground Supervision. — This course will deal with the theory and practice of play and playground supervision. A thorough study of the educational, social, physical and hygienic values of play will be made. During the Autumn quarter the play activities of the first few years of a child's life will be studied and methods of supervising these activities will be taught. Required of all students majoring in Physical Education. Autumn. Three periods each week. 8:30. Three hours credit. Jeppson.

72. Play and Playground Supervision.—Prerequisite: Physical Education 71. This course is a continuation of Physical Education 71. It will deal with the play activities of the period of later childhood. Required of all students majoring in Physical Education. Winter. Three periods each week. 8:30. Three hours credit. Jeppson.

73. Play and Playground Supervision.—Prerequisites: Physical Education 71 and 72. This course is a continuation of Physical Education 72. A study will be made of the play needs of older children and

the best methods of meeting these needs. During this course a thorough study of playgrounds will also be made which will cover playground equipment, surfacing, management, etc. Required of all students majoring in Physical Education. Spring. Three periods each week 8:30. Three hours credit. Jeppson.

74. Social and Recreational Leadership.—For description of courses see Theology 28, 29, 30.

75. Scoutcraft.—For description of course see Theology 25, 26, 27.

81. Advanced Folk Dancing.—This course will include a study of the more complex and difficult forms of folk and national dancing. Autumn. Two periods each week. 10:30. One hour credit. Required of all women majoring in Physical Education. Jeppson.

82. Advanced Folk Dancing.—Continuation of Physical Education 81. Winter. Two periods each week. 10:30. One hour credit. Required of all women majoring in Physical Education. Jeppson.

83. Advanced Folk Dancing.—Continuation of Physical Education 82. Spring. Two periods each week. 10:30. One hour credit. Required of all women majoring in Physical Education. Jeppson.

91. Applied Anatomy and Kinesiology.—Prerequisites: Physical Education 11, 12, 13, 14, 15, 16 and a good college course in physiology. This course will take up the anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Careful examination of gymnastic and athletic exercises will be made with reference to their effect upon the function and structure of the body. A study of the physiology of exercise will also be made. Required of all students majoring in Physical Education. Autumn. Five periods each week. 10:30. Five hours credit. Roberts.

92. Pedagogy of Physical Education. Prerequisite, Physical Education 91. This course will deal with a study of the various gymnastic systems, methods of gymnastic teaching, content of exercise periods, arrangement of exercises, methods of commanding and directing, etc. This course will be helpful to all teachers in elementary and high schools. Required of students majoring in Physical Education. Winter. Four periods each week. 10:30. Four hours credit. Roberts.

***93. Physical Education Administration.**—This course will deal with the organization and administration of departments of physical education and athletics in high school and colleges and the proper balancing of the various activities associated with these departments. The course is designed for Physical Directors, School Principals, Recreational Directors, etc. Required of all students majoring in Physical Education. Open to all graduates. Spring. Four periods each week. 10:30. Four hours credit. Roberts.

PHYSICS

Professor Eyring, Assistant Professor Marshall, Mr. Christensen

11. Elementary Physics.—A first course in heat and mechanics designed for students who do not offer physics for entrance to the University. The principles studied will be fully illustrated with lecture table demonstrations. Students are advised to accompany this course with the laboratory course 14. Not open to students who have had high school physics; they should register for 31 or 41. Autumn. T. Th. 10:30. Two hours credit. Eyring.

12. Elementary Physics.—Continuation of 11. A first course in sound and acoustics designed for students of music and dramatic art, but open to any student who may or may not have had entrance physics. Students are advised to accompany this course with

the laboratory course 14. Winter. T. Th., 10:30. Two hours credit. Eyring.

13. Elementary Physics.—Continuation of 12. A first course in electricity and light designed for students who do not present entrance physics. Students are advised to accompany this course with the laboratory course 14. Not open to students who have had high school physics. Spring T. Th. at 10:30. Two hours credit. Eyring.

14. Elementary Experimental Physics.—A laboratory course designed to accompany courses 11, 12 and 13. Laboratory period, Autumn, Winter and Spring, M. W., 3:30-5:30. Credit, one or two hours per quarter depending on the amount of work done. Eyring.

31. Household Physics.—A first course in the elements of mechanics and heat especially adapted to the needs of students of home economics. The laboratory work will consist of projects in the mechanics of household machinery, in the principles of home plumbing, in heating, ventilating, etc. Autumn. Two lectures, T. Th. at 10:30 and one two-hour laboratory period a week. Three hours credit. Eyring.

32. Household Physics.—A first course in the elements of sound. Continuation of course 31. The laboratory work consists of projects in the construction of musical instruments, in the principles of acoustics, etc. Winter. Two lectures. T.Th., at 10:30 and one two-hour laboratory period a week. Three hours credit. Eyring.

33. Household Physics.—A first course in the elements of electricity and light. Continuation of 32. The laboratory work will consist of a study of the construction of household electrical appliances and fixtures and of projects in their repair, home lighting, etc. T. and Th. at 10:30 and one two-hour laboratory period a week. Three hours credit. Eyring.

41. General Physics—Mechanics and Sound.—

This course and courses 42 and 43 are more advanced than Physics 11, 12 and 13. They constitute a general College course in physics. The completion of this general course will satisfy the requirements in physics for engineering and medical students; and it is a prerequisite for all the more specialized courses in physics. Prerequisite courses, High School physics, Physics 11, 12, and 13; or Mathematics 11. Freshman or Sophomore year. Daily, 1:30 to 3:30. Five hours credit. Marshall.

42. Electricity.—Continuation of 41. Winter.

Daily, 1:30 to 3:30. Five hours credit. Marshall.

43. Heat and Light.—Continuation of 42. Spring.

Daily, 1:30 to 3:30. Five hours credit. Marshall.

Upper Division Courses

56. Molecular Physics and Heat.—Kinetic theory of gases, theory of Brownian movements, methods of measuring molecular magnitudes, laws of thermodynamics and their application to gases, osmotic pressure, change of state, etc. Prerequisites, Calculus and Physics 41, 42, 43. Senior year. Winter. Five hours credit. Daily 2:30-3:30. Eyring.

57. Experimental Physics—Molecular Physics and Heat.—Measurements of specific heat of gases; density, depression of the freezing point, and raising of boiling point of the different solutions, etc.; viscosity of liquids and gases, high temperatures. Senior year. Prerequisite, Physics 56. Winter. Daily. Five hours credit. (Not given this year.)

65. Electricity and Magnetism.—General principles of magnetism, and electro-magnetism. Static electricity, direct and alternating currents. J.J. Thompson's "Electricity and Magnetism" will be used for reference. Prerequisites, Calculus and Physics 41, 42, 43. M. and W. at 3:30. Autumn. Two hours credit. Marshall.

66. Electricity and Magnetism.—Continuation of 65. M. and W. at 3:30. Winter. Two hours credit. Marshall.

67. Experimental Physics, Electricity and Magnetism.—Use of potentiometers, adjustment and use of sensitive galvanometers, calibration of ammeters and voltmeters, accurate measurements of resistance, measurements of earth's magnetic field etc. This course should be taken in connection with course 65. Prerequisites, Physics 41, 42, 43. Th. and F., 3:30-6:30. Autumn. Two hours credit. Marshall.

68. Experimental Physics.—Electricity and Magnetism. Continuation of 67. Th. and F., 3:30-6:30. Winter. Two hours credit. Marshall.

69. Radio Instruments and Measurements.—A study of the properties of oscillatory circuits, and the thermionic vacuum tube as a detector, amplifier, and oscillation generator. Prerequisites, Physics 66 and 67. Lecture. T. Th. 8:30. Spring. Two hours credit. Eyring.

70. Experimental Physics, Radio Instruments and Measurements.—Laboratory work designed to accompany Physics 69. Two two-hour laboratory periods per week; time to be arranged. Spring. Two hours credit. Eyring and Marshall.

75. Experimental Optics.—During the first part of the course experiments outlined in Taylor's Manual of Optics will be preformed, and during the last part special work with the echelon and concave grating will be given. Lecture T. Th. at 3:30. Laboratory M. F. from 3:30 to 6:30. Spring. Four hours credit. Eyring and Marshall.

86. Analytical Mechanics.—Fundamental equations of mechanics and their application to physical problems. Prerequisites, Calculus and Physics 41, 42, 43. M. T. Th. F., 8:30. Spring. Four hours credit. Marshall.

87. Laboratory Arts.—Glassblowing, frilling, grinding, and polishing; hard and soft soldering; silvering glass; and other miscellaneous processes connected with the construction and use of apparatus in physical laboratory. Autumn. T. and Th. 3:30 to 6:30. Two hours credit. Eyring, and Marshall.

88. Development of Physics.—Designed to acquaint the prospective teacher with the historical development and modern trend of Physics. Autumn. T. and Th., 8:30. Two hours credit. Eyring.

89. Development of Physics.—Continuation of 88. Winter. T. and Th., 8:30. Two hours credit. Eyring.

91. Seminar.—A meeting of the instructors in physics and interested students for the review of current literature of the subject. No credit.

Students who major in physics have the following courses prescribed: Physics 41, 42, 43, 65, 66, 67, 68, 75 or 86.

PHILOSOPHY OF EDUCATION

Professors Woodward, Nuttall, Merrill, Swenson

Assistant Professor Nelson

Lower Division Courses

1. Elementary Education. — See Elementary Teaching 1.

36. Introduction to the Scientific Study of Education.—The aim of this course is to give the students an idea of the function of the schools as a social institution and to aid them in the selection of a specific curriculum which will best meet their educational needs. General school problems and facts about education which should be known by every intelligent citizen will be discussed. Autumn. M. W. F., 10:30. Three hours credit. Woodward.

Upper Division Courses

***72. Community Organization and Leadership.**—(See Sociology 51.) Swenson.

74. Rural Sociology.—(See Sociology 53.) Nelson.

81. Science of Education.—This course should be preceded by a course in General, or Educational Psychology. A consideration of the fundamental problems of educational theory and practice; the aims, standards and content of education. A study of the principles of determining educational values. A summary of the Psychological investments that have been made relative to the principal school subjects. An introduction to the scientific methods of measuring the results of teaching. This course must precede or be taken in connection with Secondary Training. It should be taken during the junior year. Autumn and Spring, 8:30. M. T. W. F. Four hours credit. Woodward.

83. Secondary Education.—(See Secondary Teaching 53.)

***84. Educational Sociology.**—(See Sociology 61.) Swenson.

***85. Philosophy of Nature.**—The course deals with a brief survey of the evolution of philosophical thought; the place of philosophy in the solution of problems of modern civilization; with the problem of reality as set forth in various forms of materialism, dualism, and idealism; with the problems of singularism and pluralism. Considerable time is spent upon the problems of self and the status of values. Two hours credit. Woodward.

86. History of Education.—A discussion of the educational theories and practices of the Greek, Roman, and Mediaeval periods of history. Emphasis will be placed upon the following topics: The rise and growth of Christian education, the rise of universities,

the renaissance, the development of science and the scientific methods, and the more recent and contemporary development of educational theory and practice. Knowledge of European history presupposed. Winter. M. W. F., 10:30. Three hours credit. Woodward.

***87. Philosophic Ethics.**—This course will consist of a brief treatment of the evolution of ethical thought. The principal philosophical problems underlying ethical theory will be discussed. These are: materialistic versus purposive evolution, the nature of the self, the status of values. "Are we masters of our own fates?" immortality, monism and pluralism, and democracy and the moral order. This course, and 88 with which it alternates, is designed to meet the state requirements in Ethics. "Truths by Which We Live," by Hodson, will be used as a text. Winter. Two hours credit. T. Th., 8:30. Woodward.

***88. Social Ethics.**—This course deals with ethical theory as applied to our industrial and social problems, the present conflict in moral and ethical ideals, the meaning of democracy, the ethics of modern business, the breakdown of Puritan ethics, individualism and Christian ethics, the problems of capital and labor, Bolshevism and reaction. "Introduction to Social Ethics," by Mecklin, will be used as a text. Winter. M. W. F., 8:30. Three hours credit. Woodward.

***89. Character Education.**—This course considers education as training for social efficiency, and the school as one of several agencies for such training. It discusses the moral significance of the various studies and activities of the school, direct and indirect moral instruction and moral training. Alternates with course 137. Autumn. T. Th., 8:30. Two hours credit. Woodward.

***92. Vocational Education.**—This course will deal with the aims and needs of vocational education. How this type of vocational activity answers the demand

of society. The place it should fill in the schools to-day. The types that should be fostered under western conditions. The principles governing the determination of the curriculum. The aid extended by state and federal governments. Autumn. Four hours credit. Merrill.

Graduate Courses

137. Philosophy of Education.—Lectures, readings, and discussions. Education will be studied as a social agency in relation especially to other factors at work in a democratic society. The general topic will be a consideration of the aims and methods appropriate to a system of education in a democratic society such as ours. There will be considered in this course such fundamental problems as the relation of the individual and society, subject and object, knowledge and action, the physical and moral. Autumn. M. W. F. Three hours credit. Woodward.

143. Education and Nationalism.—The development of national systems of education in western Europe and America. This course offers a survey of the part which education has played in the development of modern nationalities. Comparative study will be made of the essential features of the most important modern educational means for the attainment of political ends, and colonial educational policies. The part which education may play in the reconstruction of nations, will be considered. Winter. Two hours credit. Woodward.

144. Philosophy as Applied to Education.—The course deals with the fundamental philosophies of modern times and their bearing and influences upon educational systems in Europe and America. Three hours credit. Woodward.

147. Research work in Philosophy of Education.—Students may be given from two to four hours credit on presentation of a satisfactory thesis on an assigned

topic, embodying the results of independent work. The consent of the instructor is necessary before registering. Autumn, Winter or Spring. Woodward.

148. Thesis Work.—The work of this course is largely individual research. The material and the problems studied will be in connection with the master's thesis. Ability to think independently and organize is a prerequisite. Time to be arranged. From four to eight hours credit, depending upon the problems. Woodward.

150. Graduate Seminar in Education. — Each alternate Monday from 7:30 to 9:30.

POLITICAL SCIENCE

Professor Jensen, Mr. Baliff

Lower Division Courses

10. National Government of the United States.—An examination of the historical development of the American government; origin and growth of the Constitution; constitutional rights of the citizen; a detailed study of the executive, legislative, and judicial departments of the national government. This course should be elected in the Freshman year by all who intend to major in Political Science, to be followed in the Winter quarter by Political Science 11, and in the Spring quarter by Political Science 12. Autumn. 9:30. Four hours credit. Jensen.

11. State and Local Government in the United States.—The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government; organization and problems of local government. Winter. 9:30. Four hours credit. Jensen.

12. Political Parties and Party Government.—A study of the organization and methods of action of political parties in the United States; the development

of the party system; convention and direct primary systems; the party system in leading European countries. Spring. 9:30. Four hours credit. Jensen.

15. The Constitution of the United States.—This course deals with the history and development of the Constitution of the United States. A study is made of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

(This course meets the provisions of the law passed by the state legislature in 1923 which requires the teaching of the Constitution of the United States in all public and private schools, and is particularly designed for teachers.) Winter. 8:30. Two hours credit. Jensen.

43. Commercial Law.—Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined. Autumn, 8:30. Four hours credit. Ballif. (See Finance and Banking 21.)

44. Commercial Law.—A study of the law governing Negotiable Instruments, emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter, and bailments. Reference will be made to the leading cases decided by the courts. Winter, 8:30. Four hours credit. Ballif. (See Finance and Banking 22.)

45. Commercial Law.—A study of the law governing relationships arising out of business associations; Agency, Partnerships, and Corporations will be studied

by an examination of the leading cases decided by the courts. Spring, 8:30. Four hours credit. Ballif. (See Finance and Banking 23.)

Upper Division Courses

***50. Principles of Political Science.**—This course aims to present a systematic study of the principles of political science. It deals with the scope and method of political theory; the origin, basis, and nature of the state; sovereignty; the structure and province of government; citizenship and nationality. This course should be taken by all who major in Political Science. Four hours credit. (Not given this year.)

***56. American Political Theories.**—A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government. Spring. 8:30. Two hours credit. Jensen.

***63. Municipal Government.**—A study of municipal growth and development in the United States and in the principal European countries. Attention is given to municipal structure, organization, and administration. Among the subjects treated in their relation to municipal government are: the history of municipal growth, public improvements, finances, home rule, legal status, politics, and municipal ownership. Four hours credit. (Not given this year.)

***73. Comparative Constitutional Government.**—A study of the organization and operation of the governments of England, France, Italy, Germany, Switzerland, and some of the British self-governing colonies. Attention is also given to some of the new European governments. Four hours credit. (Not given this year.)

***80. International Law.**—A study of the sources,

principles, and sanctions of international law; the history of international law; the law of peace, war, and neutrality. Attention is given to the problems growing out of the World War, and to the resulting modifications of international law. Autumn. 10:30. Four hours credit. Jensen.

***81. The Conduct of American Foreign Relations.**—A detailed study of the nature of the American foreign relations power; the manner in which this power is organized; its position under international law; and an analysis of the constitutional limitations under which it operates. Winter. 10:30. Four hours credit. Jensen.

***82. History of American Foreign Policy.**—This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement. Spring. 10:30. Four hours credit. Jensen.

***90. Constitutional Law of the United States.**—(Not given this year.)

Graduate Course

101. Research.—Open to properly qualified graduate students. Registration only after consultation. Hours and credit to be arranged. Jensen.

PSYCHOLOGY

Professor Poulson, Assistant Professor Dusenberry

Lower Division Courses

11. General Psychology.—A general introductory survey of the fields of psychology with special emphasis upon normal human adult psychology. This is the fundamental course of the department and should be taken preferably in the sophomore year before more advanced or specialized courses in psycho-

logy are attempted. Elementary courses in animal biology and physics are valuable antecedents. Daily. Autumn, 8:30. Winter, 9:30. Five hours credit. Poulson.

21. Elementary Educational Psychology.—An introductory course designed to give prospective elementary school teachers a general understanding of child nature and of how children learn. The work will be more elementary than that of Psychology 11 and is designed especially for Freshman students who expect to go immediately into teaching and therefore do not intend to take more advanced courses. Repeated each quarter. Section I, 9:30, Section II, 10:30. Four hours credit. Dusenberry.

25. Psychology of Effective Study.—An applied course based on the psychological laws of economical learning. Designed especially to help freshmen who desire to improve their habits of study and to gain an introductory knowledge of the nature and value of various types of thought processes. Autumn. T. Th., 9:30. Two hours credit. Poulson.

42. Business Psychology.—A study of the applications of experimental psychology to advertising, salesmanship, vocational efficiency, etc. Primarily for students in the College of Commerce and Business Administration. Prerequisite: Psychology 11 or its equivalent. Winter. M. W. F., 8:30. Three hours credit. Poulson.

Upper Division Courses

55. Social Psychology.—This course treats of the social aspects of mental life. The chief topics to be considered are the following. The social nature of man, the nature and development of the, psychology of leadership, language and communication, our social inheritance, public opinion, and the social functions of institutions. Prerequisite: Psychology 11 or its equivalent. Four hours credit. (Not given this year.)

61. Experimental Psychology.—Lectures and simple laboratory experiments intended to give the student an introductory acquaintance with some of the methods used in investigating psychological problems. Prerequisite: Psychology 11 or 21. Spring. Lecture Th. 10:30. Laboratory six hours a week. Time to be arranged. Three hours credit. Poulson.

71. Advanced Educational Psychology.—A course dealing with the psychology of learning, individual differences and the laws and conditions of learning as they apply especially to the fundamental school subjects. Not open to students who have had Psychology 21, 74, or 75. Daily. Spring. 1:30. Five hours credit. Poulson.

Note.—Psychology 71 is designed to meet the minimum requirement in psychology for state certification to teach in high schools. However, the requirement is met better by students taking Psychology 74 and one other really advanced course in educational psychology such as Psychology 75, 76, 77, 79, or 117.

***74. Psychology of Learning.**—This is an advanced course in educational psychology and will consist of a detailed consideration of principal types of human learning and the nature and causes of individual differences. Prerequisite, Psychology 11 or 61. Not open to students who have credit in Psychology 71. Autumn. M. W. F., 10:30. Spring. M. W. F., 9:30. Three hours credit. Poulson.

***75. Psychology of Learning School Subjects.**—The study of laws and conditions of learning in their specific applications to the various school subjects such as language, mathematics, history, science, etc. Prerequisite: Psychology 11 and 74. Not open to students who have credit in Psychology 71. Winter, T. Th., 10:30. Two hours credit. Poulson.

***76. Psychology of Reading.**—This course is intended for advanced students or experienced teachers

who wish to familiarize themselves with the recent experimental investigations in the psychology of reading. The following phases of the problem will receive special consideration: visual perception, motor processes, reading for meaning, characteristics of silent and oral reading, and measurements of reading ability. Prerequisite: Psychology 11. Autumn. M. W. F., 9:30. Three hours credit. Poulson.

***77. Psychology of Adolescence.**—This course is especially adapted to help furnish practical teachers and community leaders with a more intelligent understanding of human nature as exhibited in boys and girls during the period of adolescence. The social and moral problems connected with this period will receive special consideration. Prerequisite: Psychology 11. Two hours credit. (Not given this year.)

***79. Psychology of Exceptional Children.**—A brief consideration of the mental characteristics of bright and dull children and how to diagnose their educational needs. A survey of typical plans for the treatment of bright and dull children will be made. Prerequisite, Psychology 11. Spring, T. Th., 9:30. Two hours credit. Poulson.

Graduate Courses

103. Physiological Psychology.—An intensive study of the nervous system and its correlation with mental phenomena. Required of all students who elect their major in the department of psychology. Prerequisite: Senior or graduate classification. Also Psychology 11 or its equivalent and a college course in human physiology. Winter. Time to be arranged. Four hours credit. Poulson.

110. Advanced Experimental Psychology—Intended to give students a general acquaintance with typical methods and results of experimental psychology. An analysis will be made of a number of significant experiments as reported in recent psychological

monographs and periodicals. Required of all students who elect their major in the department of psychology. Prerequisite: Psychology 11 and senior or graduate classification. Spring. Lectures T. Th., 10:30. Laboratory nine hours a week. Time to be arranged. Five hours credit. Poulson.

117. **Mental Tests.**—This is an advanced course in the theory and technique of intelligence testing and is designed especially to meet the needs of teachers and social workers who wish to gain an understanding of the various types of mental tests, their relative validity and how they are to be applied. Prerequisite, Psychology 11. (Not given this year.)

120. **Special Research Problems.**—Individual and co-operative investigations will be pursued under the direction of the instructor with the view of developing good technique for carrying on research in the field of psychology. Prerequisite: Twelve hours of upper division and graduate credit in psychology including Psychology 61 or 110. Spring. Time to be arranged. Two to five hours credit. Poulson.

PUBLIC SPEAKING AND DRAMATIC ART

Professors Pardoe and Osmond

PUBLIC SPEAKING

Lower Division Courses

1. **Principles of Speech.**—The elements of speech, proper carriage and simple outline of speeches constitute the major portion of this course. The overcoming of selfconsciousness and ability to feel at ease is one of the most important problems developed to a profitable conclusion. Autumn. M. W. F., 9:30. Three hours credit. Pardoe.

2. **Vocabulary Building.**—Psychology of speech, forms, emphasis and means of imagery, constitute the major portion of this course. Means and methods of

vocabulary building developed. Winter. M. W. F. Three hours credit. Pardoe.

3. Speech Analysis.—The study of masterpieces and models of speech composition. Practice in delivery and analysis. Much of this course is planned for platform practice, extemporaneous and impromptu. Each student must try out in one or more of the Student Body forensic activities. Spring, M. W. F., 9:30 Three hours credit. Pardoe.

5. Advanced Debate.—A course to give intensive training preparatory for inter-collegiate debating. Winter. Hours by appointment of debating council. Two hours credit.

****8p-9p-10p. Psychology of Public Speaking.**—Individual analysis of personal strengths and defects, to augment better qualities and to overcome detrimental habits.

42. Practical Phonetics.—A course prescribed for all majoring in Public Speaking. Given to aid students to acquire a better understanding of English diction and language dialect. (See Department of Modern Language and Latin. Phonetics 1.)

DRAMATIC ART

Lower Division Courses

11. Elementary Elocution.—Fundamental principles of dramatic art. This course is intended to introduce students to means and manner of studying the printed page. Thought getting from standard selections of literature is the basis of this course. Elements of memory work developed. Autumn. T. W. Th. F. 8:30. Four hours credit. Pardoe.

12. Classical Literature.—An application of the elements of reading to great scenes of classical literature. Voice and body technique are scientifically treated with relation to their importance to the art

of interpretation. Winter. T. W. Th. F. Four hours credit. Pardoe.

13. **Dramatic Monologue.**—Special attention given to the dramatic monologue and soliloquy. The ability to project thought analysis without losing the spirit of selection is given special attention. Spring. M. W. F., 8:30. Three hours credit. Pardoe.

14. **Interpretative Literature.**—A study of thought and emotion with relationship to printed page. Character delineation forms great portion of work. American authors given special consideration. Courses 11, 12, and 13 prerequisite. Autumn. M. W. F., 10:30. Three hours credit. Pardoe.

15. **Dialogue and Scene Presentation.**—The great scenes from Shakespeare, Dickens, Tennyson, Bulwer Lytton, Goldsmith and Sheridan form basis of course. Character analysis and presentation. Winter. M. W. F., 10:30. Three hours credit. Pardoe.

16. **Representative Dialect.**—A study of such various dialects as afford opportunity for comparative phonetics. Dialect as an element of humor. Spring. M. W. F., 10:30. Three hours credit.

Upper Division Courses

61. **Impersonation.**—An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation and can qualify in courses 1, 2, 3, 11, 12, 13, 14, and 15, are eligible. Public recitals form good portion of practice work. Autumn and Winter. M. W. Th., 1:30. Six hours credit. Pardoe.

62. **Methods of Teaching Dramatic Art and of Play Production.**—A course given to better analyze literature, which best offers opportunity for oral delivery and dramatization. Part of time to comparison of readings adopted to silent reading and those most adequate for oral expression. Lectures given by

members of the department of Psychology. Selection of material for various grades of the High School, given especial attentoin. The staging of one act plays comprise portion of course. Students of the course will assist with major productions of the University. Winter, Spring. M. W. Th. Six hours credit. Time to be arranged. Advanced students only. (See Secondary Teaching 68.) Pardoe.

****65p-66p-67p. Relationship of Emotions to Dramatic Technique.**—This course given only to advanced students and deals with gesture technique and its relationship to emotions. Elementary psychology a prerequisite. One hour credit each recitation a week during a quarter.

71. Vocal Interpretations of Shakespeare.—(See English 65.) Osmond.

****Courses having p following the number are private work and repuire special fees. Given only to students majoring in the subject, or who have marked ability. One hour credit for each recitation a week during a quarter.**

SECONDARY TEACHING

*Professors A. N. Merrill, Nuttall, Woodward, Eastmond, Roberts, Pardoe; Assistant Professors Boyle, Madsen, Warnick, Sudweeks;
Secondary Training School Faculty*

Lower Division Courses

10. Methods of Teaching in Junior High School.—This course must precede or parallel training in the seventh, eight or ninth grades. Emphasis will be placed on the types of class room exercises suited to children of the seventh, eighth and ninth grades. Special methods in English, pennmanship, spelling, mathematics. etc., will be studied during the first part of course. The work of the second part of the autumn quarter will consist of a study of special methods in selecting, organizing and presenting material which will give a clear insight into contemporary affairs of

community life. Autumn. Three hours credit. Merrill.

11. Methods of Teaching in Junior High School.—A study of the special methods of junior high school science, civics, history and vocational guidance course will be made. A continuation of course 10. Winter. Three hours credit. Merrill.

16. Secondary Training in Junior High School.—This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in the theoretical courses. Same as Elementary Teaching 16. Autumn, Winter and Spring. Daily from 1:30 to 3:30 and one other hour between 9:30 to 3:30 to be arranged for. Twelve hours credit. Merrill, and Secondary Training Faculty.

Upper Division Courses

51. Organization, Administration, and Teaching in Secondary Schools.—This course is designed to include a study of methods of teaching in high schools, necessary as a prerequisite for practice teaching; and a study of the organization and administration of high schools as outlined in the certification requirement of the state. Courses 51, 52, or 53 may each be taken but credit in all three of these will be required for those desiring credit in practice teaching and recommendation to the State Board of Education for certification. In course 51 emphasis will be placed on methods of teaching in high schools. Autumn or Winter. Two hours credit. Nuttall.

52. Organization, Administration, and Teaching in Secondary Schools.—Continuation of Course 51. In this course emphasis will be placed on the problems of subject matter and curriculum organization. Autumn or Winter. Two hours credit. Woodward.

53. Organization, Administration, and Teaching in Secondary Schools.—Continuation of Course 52. During this course special attention will be given to

the problems of high school administration. Spring. Two hours credit. Woodward.

54. Secondary Teaching.—This is a course in practice teaching under supervision. Each student before receiving credit in the course will make a critical study of one good book on the special methods for the presentation of the material of his major subject. Approximately 80 hours of participation and responsible class room teaching will be required, but success in the course will be determined by the quality of the work done and not by the number of hours of teaching. The students begin by performing the simpler routine tasks of the class-room and preparing the assignments made to the pupils. They will be permitted to assume responsibility as rapidly as they show ability to do so. A certain minimum of responsible teaching in full charge of the class is required. Each students will train in his major subject unless special arrangements are made for training in other lines. A student must have had one course in Psychology and Secondary Teaching 51, 52, and 53, or be taking them as parallel courses. Before a student is registered he must present from his major professor a statement that his scholarship is sufficiently high to justify his teaching the subject. Hours must be arranged with the Director of the Training School before registering. Eight hours credit. Merrill, Boyle, and Secondary Training School Faculty.

55. Junior High School Organization and Teaching.—This course will deal with the most vital problems in the organization and methods of teaching in the junior high school. The functions, the objectives, the curricula and courses of study, and technique of teaching on this level will be given special consideration. Students will have the opportunity of observing in the Secondary Training School. Autumn. Four hours credit. Merrill. (Not given this year.)

58. **Art Supervision.**—Two hours credit. Eastmond. (See Art 85.)

64. **Methods of Teaching Music.**—Three hours credit. Madsen. (See Music Theory 77.)

66. **Principles of Gymnasium Teaching.**—Five hours credit. Roberts. (See Physical Education 93.)

67. **Methods of Teaching Home Economics.**—Spring. Two hours credit. (See Household Administration 80.)

68. **Methods of Teaching Dramatic Art and Play Production.**—Part of the time will be given to comparison of selections adapted to silent reading and those best adapted for oral expression. Selection of material for the various years of the high school will be given special attention. The staging of several one-act plays will be required. Students of this course will also assist with major dramatic productions of the university. Winter. Three hours credit. Pardoe.

70. **Measurements of High School Teaching.**—A study of tests, scales, etc. now available for use in high school subjects, also a study of the use of intelligence tests in diagnosing and grading students. Open to advanced students only. Autumn, Winter or Spring. Four hours credit. Sudweeks.

81. **Science of Education.**—This course is required of all students in education who expect to qualify for high school state certification, and should be taken during the junior year. Autumn. Four hours credit. Woodward. (See Philosophy of Education 81.)

91. **General Methods in Vocational Education.**—This course is designed for students who intend to become teachers of the industrial subjects. Principles governing the determination of specific objectives in vocational education. A consideration of methods of attack insolving preblems. A discussion of typical

problems arising in connection with work conducted under the Smith-Hughes Plan. Four hours credit. Merrill.

***94. Vocational Guidance.**—In this course a survey will be made of the developments in the field of vocational guidance, it will include a consideration of the principles of vocational guidance; early vocational experience as a feature in determining the choice of an occupation; equipment and method of a vocational counsellor; the school as a vocational guidance center; modification of the high school curriculum to facilitate vocational choice; type of reading which will lead to proper vocational adjustment; placement as a function of the schools, relation of vocational guidance to industrial education. Winter. Four hours credit. Merrill.

Graduate Courses

101. Special Problems in High School Curriculum with Special Reference to Utah Schools.—In this course, a careful analysis will be made of the subject matter and student activities now required of students in the different phases of work in the high schools of Utah. The students will investigate the high schools of their special interests for the purpose of ascertaining the nature of the curriculum that is at present being administered, and comparing this with the latest thought in the field of curriculum making. Spring. Three hours credit. Merrill.

102. Problems in Part-time Education.—This course deals with the methods and problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis and course organization. Two hours credit. Merrill and Woodward.

103. Rural and Vocational Surveys.—This course is designed primarily to prepare students with methods and technique of conducting rural and vocational

surveys. The course will make a detailed study of possibilities for greater efficiency in the industrial life of the community, of opportunities for a richer social life, and of all conditions pertaining to population and vocation in the ordinary rural district. Students will be expected to make such surveys of some particular school district. Various methods of conducting the survey will be discussed. Two hours credit. Merrill.

107. Research Work in Vocational and Rural Education.—The work of this course is largely individual research under direction of the professor in charge. Most of the material and many of the problems studied will be in connection with the master's thesis. Only graduate students may register for the course. Ability to think independently and organize is a prerequisite. Form four to eight hours credit, depending upon the problem. Merrill.

147. Research Work in Secondary Teaching.—In certain courses, students may be given from two to four hours credit on presentation of a satisfactory thesis on an assigned topic embodying the results of independent work. The consent of the instructor is necessary before registering. Merrill Woodward, Nuttall.

148. Thesis Work in Secondary Teaching.—The work of this course is largely individual research under the direction of the professor in charge. The material and the problems studied will be in connection with the master's thesis. From four to eight hours credit, depending upon the problem. Merrill, Nuttall. Woodward.

150. Graduate Seminar in Education.—Each alternate Monday, 7:30 to 9:30 p. m.

SOCIOLOGY

*Professor Swenson, Associate Professor Miller,
Assistant Professor Nelson*

Lower Division Courses

11. Introduction to the Study of Sociology.—This course is designed to give the ground work for social study. Gives a general view of social organizations, social forces and a practical working theory of the nature of society. Autumn. 2:30. Three hours credit. Swenson.

12. Elementary Principles of Sociology.—A study of the structure and functions of the social organization. Attention is given to the social population, the social forces and social processes. Winter, 2:30. Three hours credit. Swenson.

13. Elementary Principles of Sociology.—Continuation of course 12. Socialization and social control. A study of social laws, forces, and ideals, and their relation to social control. Spring, 2:30. Three hours credit. Swenson.

Upper Division Courses

51. Community Organization and Leadership.—This course deals with the problems of community life and action and the method of promoting them through organization and leadership. Special attention will be given Church organizations in their relation to the recreational, ethical, and spiritual life of the community. Spring, 9:30. Three hours credit. Swenson. (Not given this year.)

53. Rural Sociology.—A course in the study of the conditions of rural life with constructive proposals for economic, educational, recreational, and social betterment. Winter. Three hours credit. Nelson.

55. Americanization of Foreigners.—This course is intended for those who expect to teach foreign born

or who will be concerned with organizing or supervising the work of Americanization of immigrants. Spring, 1:30. Two hours credit. Swenson.

61. Educational Sociology.—An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction. Autumn, 9:30. Three hours credit. Swenson.

65. Community Welfare.—A study of local organizations for social, civic and philanthropic work. Special emphasis on case work. Winter, 9:30. Two hours credit. Swenson. (Not given this year.)

66. Modern Cities.—A study of the evolution and problems of the modern city, with special emphasis on their economic, ethical, and political influence on modern society. Winter, 9:30. Swenson. (Not given this year.)

70. Social Control.—A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony personal ideals, etc., will be studied in detail. Winter, 9:30. Three hours credit. Swenson.

75. Social Pathology.—A study of the delinquent, defective, and independent classes, and a survey of pathological conditions, and processes in modern society. Also a study of benevolent and corrective institutions. Spring, 9:30. Three hours credit. Swenson.

90. Labor Problems.—See Economics 59 and 60.

91. Labor Legislation.—See Economics 61.

THEOLOGY

Professor G. H. Brimhall, Director

Professors Swenson, Maw, Osmond, Roberts, Reynolds, Eyring, Cummings, Hoyt, Martin, Woodward, Nuttall, Pardoe, Snow, Poulson, Tanner; Associate Professors J. M. Jensen, Miller, Larsen, Cannon, de Jong; Assistant Professors Dusenberry, Boyle, Murray Hayes, Romney, H. R. Merrill; Messrs. Maeser, Gates, Morris, Rowe, Lambert, Hart, Hansen, Miss Jeppson

Lower Division Courses

1. Religion and Ethics.—A survey of the prevalent ethical standards in our society, which regulate our major social adjustments. An estimate of these standards in terms of the fundamental principles and doctrines of the Church. Emphasis on the importance of religion as a fundamental influence in our ethical life. Autumn, T. Th., 11:30. Two hours credit. Miller, Larsen, Lambert, Cummings, de Jong and Hayes.

2. Religion and Ethics.—A more detailed study of the religious life as the highest expression of practical standards of social and individual conduct. The virtue of work, sacrifice, and cooperation as means for the attainment of the deepest satisfaction of life. An ascertainment of life's highest values in terms of service and clean living. The problems of spiritual and social progress, and the place and participation of youth in their solution. Winter, T. Th., 11:30. Two hours credit. Miller, Larsen, Lambert, Cummings, de Jong and Hayes.

3. Religion and Ethics.—The development of practical codes and standards of conduct as applied to individual and community problems. The problem of leadership and responsibility in spiritual and ethical progress. Spring, T. Th., 11:30. Two hours credit. Miller, Larsen, Lambert, Cummings de Jong and Hayes.

4. Literature of the Bible.—(The Prose Forms of the Old Testament.)—A study of the historical books of

the Bible from a literary point of view. The history, the story, the essay, the oration, the parable, the allegory, will be considered, selected from Genesis, Exodus, Deuteronomy, The Judges, The Kings, The Chronicles, Ruth, Esther, Daniel and some of the prophets. The **Historical Geography of the Holy Land** and the **Bible as Literature** by Moulton, will be used as reference works. Autumn. T. Th., 11.30. Two hours credit. H. R. Merrill and Reynolds.

5. **Literature of the Bible.—(The Poetic and Wisdom Literature of the Old Testament.)**—A study of the Psalms, the Proverbs, Ecclesiastes, Isaiah, The Songs of Solomon, and the Book of Job. Winter. T. Th., 11.30. Two hours credit. H. R. Merrill and Reynolds.

6. **Literature of the Bible.—(Literary Forms of New Testament.)**—A study of the orations, the speeches of exhortation, the parables, the allegories, the symbolisms of our Lord as they are found recorded in the four gospels; a study of the epistles, the essays, the epigrams, the orations, of the apostles as they are found in the epistles and the Acts of the Apostles of the New Testament. Spring. T. Th., 11.30. Two hours credit. H. R. Merrill, and Reynolds.

7. **Ethics and the Teachings of Jesus.**—This course consists of a description of the fundamental principles of right conduct as taught by our Savior. The following ethical problems will be considered: standard of morals, open mindedness, value of an ideal life and forgiveness, kinship, moral obligations, relation of thought to action. Text: New Testament. Autumn. T. Th., 11.30. Two hours credit. Martin and Tanner.

8. **Ethics and the Teachings of Jesus.**—A continuation of course No. 7. Emphasis will be placed on: stability of purpose, sincerity, dependability, courage, truthfulness, temperance, and industry. Winter. T.

Th., 11:30. Two hours credit. Martin and Tanner.

9. Ethics and the Teachings of Jesus.—A continuation of courses No. 8. Attention will be placed on property, marriage, temptation, covetousness, charity, justice, and government. Spring. T. Th. 11:30. Two hours credit. Martin and Tanner.

10. Foundations and Fruits of Mormonism.—The aim of this course is to develop attitudes and abilities that will enable the students to appreciate the Book of Mormon as a great modern revelation from God. Incidents connected with the discovery of the plates, the translation of the records, the publication of the book, the contents of the Book of Mormon, and proofs of its authenticity are themes which will be discussed. Assigned reading, lectures, and discussions. Autumn, T. Th., 11:30. Two hours credit. A. N. Merrill, Hoyt, Gates, Maw and Maeser.

11. Foundations and Fruits of Mormonism.—This course considers the evidence of divine guidance and guardianship of the continuous growth and development of the church. The restoration of the divine authority and the power of the Church in its organization, governmental and educational. Assigned readings lectures, and discussions. Winter, T. Th., 11:30. Two hours credit. A. N. Merrill, Hoyt, Gates, Maw and Maeser.

12. Foundation and Fruits of Mormonism.—This course is designed to give information concerning the achievements of the Church in influencing the lives of its members and producing community conditions attractive of the higher Christian type. An inquiry into Latter-day-Saints temperance, social standards, spiritual standards, finances, and the worlds service of the Church, as an example of effectiveness in the application of truth. Assigned reading, lectures, and discussions. Spring, T. Th., 11:30. Two hours credit. A. N. Merrill, Hoyt, Maw and Maeser.

13. Prophecy.—The source of prophecy; its value; Bible prophecies; Book of Mormon prophecies; Doctrine and Covenants prophecies; Church History prophecies. Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Rowe.

14. Genealogy.—The place of genealogy in the Plan of Salvation; history of genealogy; the spirit of Elijah and its effects in the world; making genealogical records; preparation of temple sheets; temple work; work in the genealogical library; heirship and relationship; names and nick-names; family organization, etc. Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Romney.

15. Comparative Christian Religions.—A study of the important Christian religions of the present day: Catholicism; some of the important sects of Protestantism; Christian Science; and the Salvation Army movement. The origin and history of each will be considered at sufficient length to give a background for a careful analysis of the principles and practices of the modern Christian churches. While the course is designed to familiarize all the students who take it with the doctrines of various Christian churches, it is hoped that the study will prove of special value to those who may later travel as Latter-day Saint missionaries among the people of those churches. Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Morris.

16. The Religious Life and its Development.—This course deals with the nature of childhood religion, methods of studying children, and the aims of religious education for the various stages of development. Certain problems of teaching that are fundamental to the promotion of growth in religion and germane to the conditions of religious teaching will be taken up, such as training children to think correctly about problems of conduct and social relations; the religious educational power of the family;

the practice of prayer; the meaning of faith; the place of the story in religious training; our religious, inherited equipment; the relationship of religion and morals; the accumulation of religious material for religious teaching; and the making of religious plans. Autumn, T. Th., 11:30. Two hours credit. Dusenberry.

17. The Religious Life and its Development.—A continuation of course 16. Winter, T. Th., 11:30. Two hours credit. Dusenberry.

18. The Religious Life and its Development.—A continuation of course 17. Spring, T. Th., 11:30. Two hours credit. Dusenberry.

19. Doctrine and Discourse.—A special study of the religious belief of the Latter-day Saints, concerning: The divine calling of Joseph Smith, the Prophet; God and the Holy Trinity; Transgression and the Fall; the Atonement and Salvation; Faith and Repentance; Baptism; The Holy Ghost; The Sacrament of the Lord's Supper; Authority in the Ministry; The Church and its Plan of Organization; and Spiritual Gifts. Autumn. T. Th., 11:30. Two hours credit. Cannon, J. M. Jensen and Pardoe.

20. Doctrine and Discourse.—A continuation of 19 considering Latter-day Saints beliefs concerning the Bible; The Book of Mormon; Revelation—past, present, and future; The Dispersion of Israel; The Gathering of Israel; Zion; Christ's Reign on Earth; Regeneration and Resurrection; Religious Liberty and Toleration; Submission to Secular Authority; Practical Religion. Winter. T. Th., 11:30. Two hours credit. Cannon, J. M. Jensen and Pardoe.

21. Doctrine and Discourse.—Training in the preparation and delivery of discourses. Autumn, Winter, or Spring. T. Th. 11:30. Two hours credit. Cannon, J. M. Jensen and Pardoe.

22. Hymnology and Music Directorship.— study of the historical, doctrinal, prophetic, poetic, and aesthetical content of songs and hymns of the Latter-day Saints. They are classified according to their dominant features poetically and musically and are emphasized according to their value to humanity. Special training in the essentials of church music leadership and rudimentary conducting is one of the important features of the course. Autumn, T. Th., 11:30. Two hours credit. Hanson.

23. Hymnology and Music Leadership.—A continuation of course 22. Winter. T. Th., 11:30. Two hours credit. Hanson.

24. Hymnology.—A continuation of course 23. Spring. T. Th., 11:30. Two hours credit. Hanson.

25. Scout Leadership.—A course designed especially for scoutmasters and prospective scout leaders. The first part of the course will consist of a series of short hikes on which the following topics will be studied: How to walk, packs for pedestrians, camp-making, fire-building, camp cookery, knots, hitches and lashings. The second part of the course will consist of a study of first aid, bandaging, personal and public health. Autumn. T. Th. Two hours credit. Eyring, Carroll. (Time of recitation arranged with Eyring.)

26. Scout Leadership.—A continuation of course 25. The topics to be studied are: Organization of a Scout troop and its relationship to the Local Council and the National Council, Boy Scouts of America; the methods of troop management and the use of the patrol system; the psychology of the Boy Scout; scout stories and games. Winter, T. Th. Two hours credit. Eyring, Brimhall, Roberts, Poulson. (Time of recitation arranged with Eyring.)

27. Scout Leadership.—A continuation of course 26. Signs, symbols, and signaling; pathfinding and

map making; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the classroom and while on short hikes. Spring, T. Th. Two hours credit. Eyring. (Time of recitation arranged with Eyring.)

28. Social and Recreational Leadership.—Social dancing. This course is designed to prepare students for teaching and supervising social dancing in wards and communities. Ballroom managements and dance music will be given particular emphasis. Autumn, T. Th., 11:30. Two hours credit. Roberts, Jeppson and Hart.

29. Social and Recreational Leadership.—Home entertainments. This course is designed to prepare leaders in directing home entertainment. Plans for special holiday parties, occasional informal affairs will be studied. Winter, T. Th., 11:30. Two hours credit. Roberts, Jeppson and Hart.

30. Social and Recreational Leadership.—This course is given to meet the needs of church and school recreational leaders. The various forms of play for primary and secondary school, and church auxiliary organizations will be studied and workable plans compiled. Each student will have opportunity for practice, Spring, T. Th., 11:30. Two hours credit. Roberts, Jeppson and Hart.

Upper Division Courses

51. Materials of Religious Education. — This course comprises the selection and organization of biblical material for curriculum purposes. Special attention will be given to the fundamental principles and doctrines of religious beliefs. Autumn, T. Th., 11:30. Two hours credit. Nuttall and Boyle.

52. Materials of Religious Education.—Continuation of course 51. Winter, T. Th., 11:30. Two hours credit. Nuttall and Boyle.

53. Materials of Religious Education.—Continuation of course 52. Spring, T. Th., 11:30. Two hours credit. Nuttall and Boyle.

54. Life and Teachings of Christ.—The course is based on the text of the four gospels. Emphasis is placed on the application of church principles and ideals as they relate to our present time. Autumn, T. Th., 11:30. Two hours credit. Swenson.

55. Life and Teachings of Christ.—Continuation of course 54. Winter, T. Th., 11:30. Two hours credit. Swenson.

56. Life and Teachings of Christ.—Continuation of course 55. Spring, T. Th., 11:30. Two hours credit. Swenson.

57. Philosophy and Life.—A discussion of the fundamental principles of philosophy and religion and their inter-relations. A brief historic sketch of Greek philosophy is used as an introduction to a more careful consideration of realism, mysticism, rationalism, and idealism. Autumn, T. Th., 11:30. Two hours credit. Osmond.

58. Philosophy and Life.—A continuation of course 57. The four forms of Natural Religion, Revealed Religion. The Five Natures of Man, the Spiritual Life, and The Negative and Postive Conditions of Happiness, are the principal subjects discussed in this course. Winter, T. Th., 11:30. Two hours credit. Osmond.

59. Philosophy and Life.—A continuation of course 58. This course is devoted to a study of The Agencies and Elements of Redemption, Good and Evil, The Organization and Function of Churches, and the Science and Art of Living. Spring, T. Th., 11:30. Two hours credit. Osmond.

60. Comparative Religions.—A general perspec-

tive of the important religions of the world. Among the religions considered are: Religions of primitive people of Babylonia and Assyria, Egypt, Judaism, Mohammedanism, Zoroastrianism, the religions of China, Japan, Greece, Rome, and of the Celts and Teutons. Some attention is also given to a study of the important Christians sects. Autumn, T. Th., 11:30. Two hours credit. (Not given this year.)

61. Comparative Religions.—A continuation of course 60. Winter, T. Th., 11:30. Two hours credit. (Not given this year.)

62. Comparative Religions.—A continuation of course 61. Spring. T. Th., 11:30. (Not given this year.)

63. History of the Christian Church.—Christianity a product of Mediterranean civilization created anew by the Messiah. A brief study of the oriental and classic culture and philosophy out of which emerged the Christian Church under the teachings of Christ, Paul, the Church Fathers and the Clergy both lay and clerical. Attention will be given to the development of the Papacy, the conflict between orthodoxy and heresy, the rivalry of Empire and Papacy, the Conciliar movement, the Renaissance and Reformation and the diversity of religious beliefs and practices under the new spirit of tolerance and liberty. The present status of Christendom will conclude the year's work. Autumn, T. Th., 11:30. Two hours credit. Snow.

64. History of the Christian Church.—Continuation of course 63. Winter, T. Th., 11:30. Two hours credit. Snow.

65. History of the Christian Church.—Continuation of course 64. Spring, T. Th., 11:30. Two hours credit. Snow.

66. Current Religious Events.—The collection of

current religious literature and the discussion of current religious problems. Autumn, T. Th. Two hours credit. Poulson.

67. **Current Religious Events.**—Continuation of 66. T. Th. Two hours credit. Poulson.

68. **Current Religious Events.**—Continuation of 67.. T. Th. Two hours credit. Poulson.

*81. **Religion and Philosophy.**—This course will trace the development of the religious ideals of the Hebrew people from the Patriarchal days to Christ, culminating in the idea of the eternal nature of the self, the universal brotherhood of man, and the idea of the universal fatherhood of a personal God. A study of the background of Old Testament literature and of the ancient philosophies which, in turn, help to determine the religious ideals, will be made. It is assumed that this course will be followed by 82 and 83, which are a continuation of the problems of philosophy and religion. Autumn, T. Th., 11:30. Two hours credit. Woodward.

*82. **Religion and Philosophy.**—This course deals with a comparative study of Christian philosophy as expounded by Christ and the various practical and theoretical philosophies dominant at the present time. The teachings of Jesus will be compared with modern industrialism, the democratic ideal, mechanistic materialism, and pluralistic personalism. Winter, T. Th., 11:30. Two hours credit. Woodward.

*83. **Religion and Philosophy.**—This course will be an integrating course designed to bring together the principal problems in the two previous courses and to make a comparative study between the teaching of Jesus, modern philosophy, and Mormonism. This comparison will be made in a discussion of such topics as the nature of God, the nature of self; freedom of the will; eternal progress; immortality of the soul; salvation; birth, death and the resurrection; revelation

and inspiration; man's relationship to God, prayer; the place of authority, ritual, and church organization; faith, love and knowledge; Spring, T. Th., 11:30. Two hours credit. Woodward.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner, Drs. Carroll, Merrill, Oaks, Mr. Decker

Lower Division Courses

11. General Zoology.—A laboratory course involving a study of representatives of the principal groups of animals, with lectures on their structures and classification, and on the general laws of biology which they illustrate. Autumn, M. W. F., 9:30; laboratory M. W. 1:30. Five hours credit. Tanner.

20. Hygiene and Sanitation.—(Health Education) Designed to meet state requirements in health education. The early part of the course is devoted to fundamental physiological processes, and upon these as a foundation are based studies of personal hygiene, hygiene of the school child, sanitation of school buildings, and surroundings, public and home sanitation, and recognition of defects in children. Autumn, Winter or Spring., M. W. F., 1:30. Three hours credit. Merrill and Oaks.

30. Elementary Entomology.—This course is intended to interest students in insect life. A study of the structure, development, and classification of some of the more important insects will form a basis of the course. Autumn, T. Th., 1:30; also one field trip a week. Three hours credit. Tanner.

Upper Division Courses

50. Heredity and Eugenics.—The early part of the course is devoted to the cell, its development and inheritance, the distinctions between soma and germ-plasm and maturation division as a basis for understanding the principles of variation, generation and

heredity. Facts and theories of heredity are discussed and recent experimental data are examined. Emphasis is given to consideration of factors involved in the development and well-being of the human family. Prerequisite, Botany 12, or Zoology 11. Winter, Daily, 9:30. Five hours credit. Tanner.

***55. Invertebrate Zoology.**—This course is designed to follow Zoology 11, and is intended to give the student a broader knowledge of the morphology and relationships of the invertebrate groups. Much emphasis will be placed upon the fresh water mollusks of the Great Basin region; as well as the phylum Arthropoda. Winter. T. Th., 1:30; also one laboratory period to be arranged. Three hours credit. Tanner.

***56. Vertebrate Zoology.**—A general course dealing with the habits and the geographical distribution of the vertebrate species. Much time will be devoted to a study of the fish, reptiles, birds, and mamal problems of the Great Basin region. Spring. T. Th., 1:30; also one laboratory period to be arranged. Three hours credit. Tanner.

***61. Insect Morphology.**—It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied. Winter. W., 10:30; also two laboratory periods to be arranged. Three hours credit. Tanner.

***62. Insect Classification.**—Students will collect and study systematically the insect fauna of the Provo region. Prerequisite course 61. Spring. W., 10:30; also laboratory periods to be arranged. Three or five hours credit. Tanner.

63. General Economic Entomology.—A lecture course dealing with the more important insect pests and the principles and practice of controlling these insects. Autumn. M. W. F., 10.30. Three hours credit. Tanner,

65. Human Physiology.—This course is designed to give the student a working knowledge of the life processes as they function in man. The properties of living matter will be studied as a basis for understanding the mechanism of the specialized systems of the human body. Prerequisite, Zoology 11. Spring. M. W. F., 2:30; laboratory T., 1:30-4:30. Carroll and Decker.

67. Practical Lectures on Health.—Not open to Freshmen. Autumn. T., Th., 2:30. Two hours credit. Dr. Carroll.

75. History of Biology.—A study of the development of biological thought from the time of the earliest writers to the present. Winter. T. Th., 10:30. Two hours credit. Tanner.

Graduate Courses

101. Advanced Work on Invertebrates.—Original investigation of the problems connected with the invertebrate life of the Great Basin. Graduate students will be permitted to work upon any of the many interesting problems of this region; for example, systematic, morphological, ecological, or distributional problems may be chosen. Autumn, Winter, Spring and Summer. Time and credit by arrangement.

102. Advanced Vertebrate Work. — Advanced studies in problems dealing with the vertebrates of the Utah region. Autumn, Winter, Spring and Summer. Time and credit by arrangement.

103. Research Work in Entomology.—Primarily for graduate students prepared to do work in systematic, biologic or economic entomology. Autumn, Winter, Spring and Summer. Time and credit by arrangement.

Extension Division

No one who wishes to have learning need go through life without it. Happily for the masses of humanity, the time when education was held to be for the few, has passed, and almost unlimited facilities are now placed at the disposal of people to aid them in furthering their educational development. The workman in the factory, shop, office, or on the farm, the housewife, wherever she may be; all may now improve themselves if they will, by taking advantage of the opportunities offered to study by mail. Instruction may be had wherever the mail reaches.

EXTENSION DIVISION AIMS

To render service to those ninety-nine out of every hundred citizens, who, it is estimated, are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah than in the vast majority of states of the Union. Courses may be taken for credit or not.

ORGANIZATION

To carry out the aims of the Extension Division, the following subdivisions have been instituted: Correspondence Instruction, Lectures and Entertainments, and Social Service.

CORRESPONDENCE INSTRUCTION

A varied list of subjects is offered for correspondence instruction. Reading courses are provided for practical people who are interested in adding to their fund of information in their vocation, and who desire to improve their cultural education. No credit is given for this work. For those who are working toward a

higher degree, courses are offered which carry university credit.

Methods of Instruction

Each correspondence course carries credit equivalent to the corresponding course in residence, and therefore covers a definite amount of work. Most of the courses contemplate the student's preparing about five assignments for each quarter hour of credit received. The student in correspondence is allowed a year from the time he registers to complete his work. He may commence at any time. The average registration is for courses aggregating ten hours credit.

After filing the application for enrollment and paying the fee, the student is sent the assignments of the courses. He is given full instructions in the required reading and the preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension. This paper is criticized by the instructor and returned to the student.

Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and should aim to complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject, provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly. It is consider-

ed to be a practice which is not conducive to the most satisfactory work.

3. An undergraduate student may not take correspondence work while in residence without the consent of the Committee on Attendance and Scholarship and the Deans concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5 The Extension Division will pay postage on lessons and assignments sent to the student, but the student must pay postage on mail coming to the University. Care should be taken to see that adequate postage is placed on the envelope by the student.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high school work. However, exceptions may be made in favor of mature students, or those who have practically completed their high school work.

Examinations

Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the university.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as residence students. These classes are designed to meet the needs of persons who are not resident students of an educational institution.

Extension classes may in certain cases be conducted under a locally appointed instructor, provided the following requirements are satisfied:

1. The courses must meet the requirements of the head of the department concerned.
2. Those taking the courses must be students of college grade and must satisfy prerequisites.
3. An outline of the course or courses must be submitted to the head of the department, together with a statement of the laboratory and library facilities.
4. The educational training of the instructor must be approved by the head of the department. He must have at least a master's degree or its equivalent.
5. A schedule of the daily school work of the instructor must be furnished.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during the past year. These lectures and entertainments have for the most part been free except for transportation charges. The Extension Division, however, offers a regular lyceum course consisting of high class lectures and entertainments, for which a nominal charge is made.

Social Service

In this department there is included miscellaneous services consisting of recreation, club programs, plays and pageants, visual education, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of sub-

jects. In fact, any department of the University may have the opportunity of publishing material through this bureau.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time others have been held. In January, 1925 the attendance was the largest in the history of the event, and represented 70 stakes of the Church. Thirty short courses were given.

CORRESPONDENCE COURSES

ACCOUNTING AND BUSINESS ADMINISTRATION

22. Marketing and Advertising.—Three hours credit. Hoyt.

23. Marketing of Agricultural Products. — Two hours credit. Hoyt.

24. Marketing Problems. — Two hours credit. Hoyt.

25. Business Statistics.—Two hours credit. Hoyt.

38. Office Management and Methods. — Four hours credit. Johnson.

41. Merchandising.—Three hours credit. Johnson.

50. Elementary Cost Accounting.—Four hours credit. Hoyt. Fee \$10.00.

51. Advanced Cost Accounting. — Four hours credit. Hoyt. Fee \$10.00.

52. Accounting Systems. — Four hours credit. Hoyt.
Fee \$10.00.

AGRONOMY

3x. Soils.—General course in soils. Three hours credit. Martin.

ANIMAL HUSBANDRY

1. History of Breeds of Live Stock.—Five hours credit. Cannon.

ART

14x. Commercial Art and Illustration. — Two hours credit. Bushman.

47. Art Pageantry Production.—Two hours credit. Eastmond.

BOTANY

55x. Native Flora.—Three to five hours credit. Decker.

ECONOMICS

11. Introduction to Economics. — Three hours credit. Miller.

12. Principles of Economics.—Three hours credit. Miller.

EDUCATIONAL ADMINISTRATION

46. Rural Education.—Three hours credit. A. N. Merrill.

ENGLISH

1, 2, and 3. Freshman English.—Required of all normal students and graduates. Nine hours credit. Merrill.

8. Newswriting.—Four hours credit. Merrill.

10. Short Story Writing.—Four hours credit. Osmond,

16-17. Survey of American Literature.—Four hours credit. Mrs. Jensen.

21-22-23. Survey of English Literature.—Six hours credit. Mrs. Jensen.

50x-51-52x. Readings in World Literature.—Six hours credit. Mrs. Jensen.

GEOLOGY AND GEOGRAPHY

11. Introductory Geology.—Six hours credit. Hayes.

30. Commercial Geography.—Five hours credit. Hayes.

54. Field Problems.—Three hours credit. Hayes.

63. Economic Geology.—Four hours credit. Hayes.

HISTORY

1-2. European History, 1500 - 1815.—Eight hours credit. Snow.

20-21-22. American History.—Nine hours credit. C. Jensen.

HORTICULTURE

1. Principles of Orchardng.—Three hours credit. Morris.

3. Home and Commercial Gardening.—Three hours credit. Morris.

7. Plant Material for Home Beautification.—Three hours credit. Morris.

8. Small Fruits.—Three hours credit. Morris.

MATHEMATICS

11. Plane and Spherical Trigonometry.—Five hours credit. Eyring.

12. College Algebra.—Five hours credit. Eyring.

PHILOSOPHY OF EDUCATION

81. Science of Education.—Four hours credit. Woodward.

83. Secondary Education.—Four hours credit. Woodward.

86. History of Education.—Three hours credit. Woodward.

PSYCHOLOGY

11. General Psychology.—Five hours credit. Poulson.

21. Elementary Educational Psychology.—Four hours credit. Dusenberry.

76. Psychology of Reading.—Three hours credit. Poulson.

PUBLIC SPEAKING

6p. General Public Speaking.—Five hours credit. Professor Pardoe.

SOCIOLOGY

12-13. Elementary Principles of Sociology.—Six hours credit. Swenson.

THEOLOGY

Missionary Course, Articles of Faith.—Four hours credit. Brimhall.

Church History.—Two hours credit. Brimhall.

Genealogy.—Two hours credit. Romney.

Training Schools

L. J. NUTTALL JR., Director

GENERAL SUPERVISORS:

A. N. MERRILL, Secondary

HERMESE PETERSON, Intermediate

EMMA BROWN, Primary

M. J. OLLORTON, On Leave of Absence

SECONDARY TRAINING SCHOOL

W. H. Boyle, *Principal*

Myrtie Jensen, *English and Dramatic Art*

Maude D. Markham, *English and Reading*

C. L. Jensen, *Mathematics, Geogaphy, Science, Jr. H. S.*

Karl Christensen, *Physics and Chemistry*

Reva Lewis, *Home Economics*

P. Bigelow, *Auto Mechanics*

W. H. Snell, *Woodwork*

E. H. Eastmond, *Art*

Wm. Hansen, *Music*

J. W. McAllister, *Music*

T. L. Martin, *Agriculture*

Vasco M. Tanner, *Biology*

J. A. Watts, *Geography*

T. C. Romney, *History and Social Science*

Bertha Roberts, *Typewriting*

H. R. Clark, *Accounting*

J. E. Hayes, *Commercial Arithmetic*

C. J. Hart, *Physical Education for Boys*

Wilma Jeppson, *Physical Education for Girls*

B. F. Cummings, *German*

Bertha Roberts, *French*

Nathan Whetten, *Spanish*

ELEMENTARY TRAINING SCHOOL

Hermese Peterson, *Principal*

J. W. McAllister, *Supervisor of Music*

B. F. Larsen, *Supervisor of Art*

Fannie McLean, *Sixth Grade*

Olena Olsen, *Fifth Grade*

Eva M. Hansen, *Fifth and Sixth Grades*

Le Preal Bullock, *Fourth Grade*

Ruby Jensen, *Third Grade*

Hazel Clyde, *Second Grade*

May Hammond, *First Grade*

Purpose.—The primary aim of the Secondary Training School is to offer a first class high school course so that the students will receive every advantage ordinarily found in a good high school. To this is added the advantages of the use of many parts of the University plant—library, laboratories, shops, gymnasiums, etc. It is possible to offer a richer and more varied course than can possibly be had in schools the same size in the school districts of the State. The educational and social welfare of the students will be the first care of the teachers of the school.

Organization.—The school will be organized as a full secondary school, including a six year junior and senior high school course. The junior high school will include grades 7 to 9 inclusive. The senior department will include grades 10 to 12. The organization will be departmental and arranged so that the university students registered for secondary training may do practice teaching in the Secondary Training School. The careful supervision given them will make this work add to, rather than lessen the value of the school to the students.

Activities.—The students have the advantage of association with the social activities of the University. As far as possible regular competitive and social functions in high school student body life will be organized. Under the direction of the regular teachers the athletic and social affairs needed by the junior high school students will be arranged.

It is planned that the senior high school group will have its regular social gatherings; will have competitive activities in athletics, debating, public speaking and essay writing; and will be permitted to produce either a play or musical program each year. In addition to these opportunities students will have the advantage of the regular activities of the university student body life.

Courses.—The courses offered include the standard fundamental high school courses, together with a rich variety of elective courses from which pupils may choose. The opportunities for vocational work are especially good. The following courses are offered:

SECONDARY TRAINING SCHOOL COURSES

Junior High School

Seventh Grade

Mathematics I	15 points
English I (includes spelling)	15 points
Geography	15 points
Civics	9 points
Music	6 points
Reading	9 points
Religion Class	6 points
Writing	3 points
Art	3 points
Domestic Art	3 points
Woodwork	3 points

Eighth Grade

Mathematics II	15 points
English II	15 points
American History	15 points
General Science	15 points
Music	6 points
Reading	9 points
Religion Class	6 points
Manual Training	3 points
Domestic Science	3 points
Art	3 points

Ninth Grade

English A	1 Unit
Mathematics A	1 Unit
Com. Civics	1 Unit
General Biology	1 Unit
Theology A	½ Unit

May elect from the following Senior High School subjects: Domestic Science A, Mechanics, Agriculture A, Art, Music, Foreign Language, Domestic Art A.

Senior High School

Theology:

(b)	½ Unit
(c)	½ Unit
(d)	½ Unit

Language:

English B	1 Unit
English C	1 Unit
English D (Literature)	1 Unit
French A	1 Unit
Spanish B	1 Unit
Dramatic Art A	1 Unit
Public Speaking A	½ Unit

Mathematics and Science:

Mathematics B	1 Unit
Physics A	1 Unit
Chemistry A	1 Unit
Econ. Geog. A	1 Unit

History and Social Science:

History A (Progress of World)	1 Unit
History B (United States)	½ Unit
Civics	½ Unit
Problems of Democracy	1 Unit

Industrial Work:

Agriculture A	1 Unit
Woodwork A	½ Unit
Woodwork B	½ Unit
Woodwork C	½ Unit
Woodwork D	½ Unit
Auto Mechanics	½ Unit
Drafting A	½ Unit
Drafting B	½ Unit
Drafting C	½ Unit

Drafting D	$\frac{1}{2}$ Unit
Domestic Science A (Foods and Cooking)	$\frac{1}{2}$ Unit
Domestic Science B (Advanced)	1 Unit
Domestic Science C (Home Making)	$\frac{1}{2}$ Unit
Domestic Art A (Plain Sewing)	$\frac{1}{2}$ Unit
Domestic Art B (Dressmaking)	$\frac{1}{2}$ Unit

Music:

Vocal Music A, Solfeggio	$\frac{1}{2}$ Unit
Vocal Music B, Harmony	$\frac{1}{2}$ Unit
Band	$\frac{1}{2}$ Unit
Orchestra	$\frac{1}{2}$ Unit
Chorus	$\frac{1}{2}$ Unit
Private Music A, B, C, D.Each	$\frac{1}{4}$ Unit

Art:

Art A, Drawing	$\frac{1}{2}$ Unit
Art B, Design	$\frac{1}{2}$ Unit
Art C, Studio Work	$\frac{1}{2}$ Unit

Business:

Commercial Arithmetic	1 Unit
Accounting A	1 Unit
Accounting B	1 Unit
Typewriting A	$\frac{1}{2}$ Unit
Typewriting B	$\frac{1}{2}$ Unit

ELEMENTARY TRAINING SCHOOL

All of the grades are taught by expert teachers and the pupils are assured an excellent course.

Arrangements for enrolling pupils in the training schools should be made in advance of the opening of schools. Pupils will be enrolled in the order of their application.

Graduates 1924-1925

MASTER OF ARTS

Groesbeck, J. Rowe, -----	Springville
Jenkins, Joseph, -----	Ephraim
Jones, Dorothy Irene, -----	East Moline, Illinois
Hafen, Arthur K, -----	St. George

COLLEGE OF APPLIED SCIENCE

BACHELOR OF SCIENCE

Anderson, James A. -----	Spanish Fork
Bradford, Irma C. -----	Spanish Fork
Bullock, Ralph A. Jr. -----	Provo
Clayson, Merrill, D. -----	American Fork
Cooper, C. Drue, -----	Rexburg, Idaho
Cottam, Moroni J. -----	St. George
Davis, Blanche, -----	Provo
Hair, Delamar B. -----	Provo
Jones, Wm. A. Jr. -----	Spanish Fork
Magleby, Fern, -----	Monroe
Marley, Etta, -----	McCammon, Idaho
Mendenhall, V. Cornell, -----	Springville
Mendenhall, Wilfred T. -----	Springville
Parker, Lorenzo R. -----	Rexburg, Ida.
Pulsipher, Juanita L. -----	Bunkerville, Nev.
Paulson, Ford M. -----	Pleasant Grove
Romney, Pauline, -----	Provo
Scorup LaVerda, -----	Provo
Smith, Walter F. -----	Provo
Topham, Bertha, -----	Paragoonah

COLLEGE OF ARTS AND SCIENCES

BACHELOR OF ARTS

Adams, Harlen Martin -----	Provo
Bean, Eveline -----	Provo

Brimhall, Rulon W.	St. David, Ariz.
Brunner, Alice E.	Provo
Bunnell, Merrill J.	Provo
Christensen, Ellen Elaine,	Manti
Condie, Melba	Springville
Dastrup, Louise	Provo
Hafen, Orvel	Santa Clara
Hathcock, Jethro M.	Mesa, Ariz.
Jackson, Amy R.	Provo
Johnson, Celestia M.	Provo
Jones, Dora	Spanish Fork
Madsen, Franklin	Provo
Morley, Alonzo J.	Moroni
Nielson, Ivy J.	Fountain Green
Oberhansly, Madge Aileen	Clinton
Pardoe, Thomas Earl	Provo
Richards, Lynn S.	Salt Lake City
Russell, Harry J.	Salt Lake City

COLLEGE OF ARTS AND SCIENCES

BACHELOR OF SCIENCE

Alleman, Julia D.	Springville
Andrus, A. Golden	Idaho Falls, Ida.
Ashby, Ruth	American Fork
Ballif, Ariel S.	Rexburg, Ida.
Biddulph, Rulon	Provo
Bowman, Maybeth	Provo
Bowman, Bernardo	Provo
Christensen, Nephi A.	Provo
Clark, Bryant R.	Georgetown. Idaho
Cornaby, Leslie	Spanish Fork
Dickson, LaVern J.	Morgan
Dougall, Hugh	Springville
Flake, Augusta	Snowflake, Ariz.
Flake, Donald C.	Snowflake, Ariz.
Harris, Richard P.	Provo
Heaton, Ione Huish	Provo
Hinckley, George E.	Provo

Howe, Velma	Provo
Jensen, Clarence L.	Freedom
Jensen, Izola D.	Ephraim
Keeler, Ralph B.	Provo
Maw, Carlyle E.	Provo
Moody, M. Ward	Hinckley
Olsen, Gertrude	Provo
Olpin, J. Lloyd	Pleasant Grove
Packard, Paul G.	Springville
Powelson, Donnel E.	Provo
Smart, Muriel	Provo
Sproul, Elmo C.	Provo
Stewart, Grace Nixon	Provo
Straw, Mabel	Springville
Wanlass, Frank	Eureka
Woolley, Iona	Vernal

COLLEGE OF COMMERCE

BACHELOR OF ARTS

Bean, Marcus H.	Provo
Campbell, Leland O.	Provo
Thorne, Wendell E.	Pleasant Grove

BACHELOR OF SCIENCE

Austin, Twayne	Liberty, Ida.
Bayles, T. Wendell	Parowan
Calder, J. Hamilton	Vernal
Dangerfield, Royden J.	Provo
Gledhill, Ellwood,	Provo
Harward, Paul	Springville
Ivie, H. Leon	Salina
Larsen, Spencer A.	Spanish Fork
McAllister, Brigham W.	Provo
Manson, J. Hunter	Provo
Markham, J. Aldus	Provo
Van Wagenen, Rulon C.	Provo

COLLEGE OF EDUCATION

BACHELOR OF ARTS

Holladay, Howard C. ----- Santaquin

BACHELOR OF SCIENCE

Andrus, Grant M. ----- Ucon, Idaho

Boyle, Melva ----- Provo

Christensen, P. Rulon ----- Ephraim

Crawford, Edwin L. ----- Sandy

Dean, Lizzette ----- Salt Lake City

Dixon, Willdee G. ----- Payson

Eagar, David R. ----- Mammoth

Frandsen, Winona ----- Springville

Holt, Heber M. ----- Panaca, Nev.

Johnson, Ellis E. ----- Manti

Moody, Edgar R. ----- Delta

Nielson, Ross ----- American Fork

Mortimer, George H. ----- Provo

Probst, Clarence L. ----- Midway

Sessions, Charles D. ----- St. Johns, Ariz.

Stewart, Clarence L. ----- Mt. Pleasant

Wakefield, Emma H. ----- Provo

Woodward, Emily T. ----- Provo

COLLEGE OF EDUCATION

NORMAL DIPLOMA

Anderson, Nina ----- Oak City

Allen, Ladelle ----- Silver City

Atkin, Ruth ----- St. George

Baker, Raymond O. ----- Beaver

Baldwin, Iona ----- Beaver

Bennett, Erma ----- Storrs

Booth, Leona ----- Provo

Browne, Mina ----- Spanish Fork

Bunting, Eva ----- Kanab

Call, Bessie ----- Provo

Carling, Otis ----- Fillmore

Cluff, Nola ----- Provo

Cluff, Ruth	Provo
Coleman, Erma E.	Midway
Cordner, Thomas	Provo
Daniels, Rhea	Payson
Davis, Mattie	Springville
Day, Bettie E.	Idaho Falls, Ida.
DeMille, Della	Rockville
Dixon, Reba E.	Silver City
Duke, Melba	Heber
Duthie, Isabelle	Colonia Juarez, Mexico
Erickson, Beth	Mt. Pleasant
Fechser, Elva	Moroni
Fechser, Estrella	Moroni
Fechser, Kenneth F.	Provo
Fisher, Elizabeth	Heber
Forbes, Eva	Alpine
Fox, Norine	Lehi
Geary, Fawn,	Huntington
Goldsbrough, Vilnah A.	Springville
Gudmundson, Leona,	Springville
Hales, Mary,	Spanish Fork
Hansen, Mable,	Spanish Fork
Hansen, Helen,	Mammoth
Hansen, Velda,	Payson
Henderson, Laura W.,	Provo
Hickman, Felton H.,	Levan
Hills, Belva,	Provo
Hutchings, Preal,	Springville
Johnson, Pearl M.,	Vernal
Johnson, Theora L.,	Vernal
Johnson, Vera,	Benjamin
Jones, Emma P.,	Springville
Kenney, Lizzie,	Holden
Keyte, Lola,	Provo
Leavitt, Charity,	Bunkerville, Nevada
Lewis, Emma,	Spanish Fork
Larsen, Nettie,	Duchesne
Levi, Louise,	Milford
Liechty, Ida,	Provo
Linton, Margaret,	Nephi

Loynd, Sarah,	Springville
Madsen, Albert,	Fairview
Martain, Maud,	Springville
Moody, Zela,	Hinckley
Nielson, Ruebin,	Price
Olsen, Eunice,	Mt. Pleasant
Poulson, Mala,	Richfield
Prior, Harriet,	Spanish Fork
Pyper, LaVon M.	Heber
Robinson, Phebe A.,	Felt, Idaho
Rackman, Florence,	Mt. Pleasant
Rasmussen, Mary,	Mt. Pleasant
Roberts, Ruth,	Provo
Sanford, Helen,	Springville
Seegmiller, Anna,	St. George
Sharrer, Fay,	Payson
Shelley, Edna,	American Fork
Simpson, Sarah,	Heber
Singleton, Faun,	Ferron
Sumsion, Melba,	Springville
Tew, Melba,	Mapleton
Tippetts, Kate,	Spanish Fork
Vance, Lorene,	Provo
Vernon, Ethel,	Vernal
Walker, Ethel,	Provo
Walker, Melba,	Pleasant Grove
Warner, Charlotte,	Tooele
Waters, Leona O.,	Rigby, Ida.
Whiting, Blanche,	LeGrande, Ore.
Witt, Willmuth,	Heber
Wootton, Edith,	Heber

GRADUATES WITH HIGH HONORS

Ellen Elaine Christensen

Pauline Romney

GRADUATES WITH HONORS

Julia Alleman

Twayne Austin

J. Hamilton Calder

George Mortimer

Juanita Pulsipher

Mabel Straw

Enrollment of Students

1924-25

In the following list "a" stands for arts and sciences; "Ap" for applied science; "c" for commerce; "e" for education; "ss" for summer school; "G" for graduate; "S" for Senior; "J" for Junior; "So" for Sophomore; "F" for Freshman; "Sec." for secondary; "Cor" for Correspondence and "Ex" for Extension; "Sp" for Special.

Aagard, Laprele, a-F	Fountain Green
Abel, Methley, c-F	American Fork
Aagard, Joy, Sec-1	Provo
Acord, Estelle, c-F	Provo
Adams, Alys, e-So	Parowan
Adams, Delilah, Ex	Provo
Adams, Florence, a-So	Provo
Adams, Harlen, M, a-S-ss	Provo
Adams, Theo, e-F	American Fork
Adamson, Arnold G, Ap-F	American Fork
Adamson, Lexie, e-ss	Cary, Idaho
Aird, Will McAuslan, a-Sp	Provo
Alexander, Reta, e-F	Panguitch
Alexander, Matilda B, e-ss	Panguitch
Alexander, Payson, a-F	Spanish Fork
Alleman, Jane, e-F	Springville
Alleman, Jean H, c-F	Springville
Alleman, Julia D, a-ss-S	Springville
Alleman, Lynn, a-So	Springville
Allen, Edwin, Sec-3	Charleston
Allen, W. Eugene, Cor	Provo
Allen J. Knight, c-So	Provo
Allen, Ladelle, Cor-e-So-ss	Silver City
Allen, Norma, a-F	Provo
Allen, Mark Knight, a-So-ss	Provo
Allen, Paul, Sec-1	Provo
Allphin, Ida, Sec-2	Provo

Allred, Deon A, a-So	Fountain Green
Allred, Howard, a-F	Gannett, Idaho
Allred, Merrill, a-F	Bellview, Idaho
Allred, Mildred, Sec-2	Provo
Alway, Wilbur K, c-Sp	Provo
Alway, Will L, e-ss-Sp	Provo
Anderberg, Mrs. Reid, Ex	Provo
Anderson, Almera, e-ss	Manti
Anderson, Archie J, c-So	Fairview
Anderson, A. B. a-ss	Lehi
Anderson, Andrew M, Gr	Moroni
Anderson, Archibald H, Gr-ss	Mt. Pleasant
Anderson, Carl S, c-F	Pleasant Grove
Anderson, Della, e-ss	Koosharem
Anderson, Elva, ss	Moroni
Anderson, Edson, c-Sp	Spanish Fork
Anderson, Edwin L, Cor	Marshalltown, Ia.
Anderson, Emily, Ex	Provo
Anderson, Fay, e-F	Cedar Valley
Anderson, Fern, e-F	Cedar Valley
Anderson, Geneal, Sec-4	Provo
Anderson, Hugh E. Cor	Fairview
Anderson, James H, Ex	Park City
Anderson, Kenneth, a-So	Provo
Anderson, Owen B. Cor-ss	Milford
Anderson, Stewart A, e-F	Provo
Anderson, Hazel, e-F	Gunnison
Anderson, James, A., Ap-S	Spanish Fork
Anderson, Jennie, e-F	Provo
Anderson, Joseph, e-ss	Salina
Anderson, Julia, a-F-ss	Provo
Anderson, LaBelle H, Ap-So	American Fork
Anderson, LeGrande, a-F	Provo
Anderson, Lowry G, c-F	Springville
Anderson, Myrtle, e-ss-Ex	Pleasant Grove
Anderson, Norma, a-So	Grantsville
Anderson, Nina, e-So	Oak City
Anderson, Paul, c-F	Provo
Anderson, Robt. N, a-So	Provo

Anderson, Theo, Sec-4	Provo
Anderson, Vesta, e-J	Springville
Anderson, Victor C, Gr-ss	Provo
Anderson, William L, Cor	Atlanta, Georgia
Andrus, Grant M, a-ss-S	Ucon, Idaho
Andrus, Golden A, a-S	Idaho Falls
Armstrong, James A, a-S	Ephraim
Ash, Helen, a-ss	Pleasant Grove
Ashby, Alpha, Sec-2	Leamington
Ashby, Althea, a-So	American Fork
Ashby, Emily, Sec-2	Leamington
Ashby, Mary, e-F	Provo
Ashby, Ruth, a-S	American Fork
Ashby, Wilford, L, c-F	Provo
Ashman, Harold, e-ss	Fillmore
Ashton, Leah, e-F	Provo
Atkin, Ruth, e-So	St. George
Austin, Twayne, c-S	Liberty, Idaho
Aydelotte, Vee, e-So	American Fork
Aycock, Hildred, e-F	Vernal
Bacon, Leonard, a-So	Georgetown
Backman, Jennie E, e-Sp	Santaquin
Bagley, Virg, Ap-F	Koosharem
Bagley, William L, e-ss	Etna, Wyoming
Bagley, Raymond T, e-F	Nephi
Baine, LaVon, e-F	Peerless
Baird, Alwin,, a-So	Heber
Baird, Chestina, e-ss-J	Provo
Baker, Mrs. L. L. Ex	Provo
Baker, Otis, L, e-J	Beaver City
Baker, Raymond, e-So	Beaver City
Bailey, Mrs. W. H. Ex	Provo
Baldwin, Iona, e-ss-So	Beaver City
Ballif, Ariel Smith, a-S	Rexburg, Idaho
Ballif, Carma, e-J	Preston, Idaho
Ballif, Florus, e-ss-Cor	Preston, Idaho
Ballinger, Klea, e-ss	Provo
Banks, Karl, Gr.-ss	Pleasant Grove
Barkdull, Phillip ss	Meadow
Barnes, Velma, e-F	Nephi

Barnett, Owen L, Gr	Provo
Barney, Pearl E, e-F	Kanosh
Barney, Thelma I, e-F	Annabella
Barr, Mildred, Cor	Evansville, Ind.
Bartlett, William, e-ss	Moreland, Ida.
Barton, Maggie, a-F	Manti
Barton, Lula, a-F	Manti
Barton, Ruth, e-ss-F	Provo
Basinger, Oliver, a-F	Missler, Kan.
Bauer, Heber, C, Cor	Eureka
Bauer, John H, Cor	Eureka
Baum, Atha, Sec-1	Provo
Baum, Newell, Sec-3	Provo
Baxter, LeRoy, Sec-4	Pleasant Grove
Bayles, Velyn, Ap-ss-j	Blanding
Bayles, T. Wendell, c-ss	Parowan
Beal, Blanche,, Ex	Springville
Beal, John H. a-So	Ephraim
Bean, Eveline, a-S	Provo
Bean, Bryan, e-ss	Eureka
Bean, Marcus H. c-S-ss	Provo
Beard, George V. a-F	Coalville
Beardall, Warren L, c-F	Springville
Beck, Ed. M., Ap-So	Spanish Fork
Beck, Stella, Cor-ss	Spanish Fork
Beckstrand, Blake, a-F	Meadow
Bee, Lucy, c-J	Provo
Beesley, Florence, a-Sp-ss	Provo
Beckstrand, Myrl, e-ss	Meadow
Beckstrom, William C, e-ss	Spanish Fork
Beesley, Robert, Sec-1	Provo
Bench, Ruel, c-Sp	Fairview
Bench, Rees E, Cor-ss-a	Provo
Bench, Dean W, a-Sp	Fairview
Benedick, Helen, e-ss	Levan
Benson, Orval, Ap-F	Whitney, Idaho
Bennett, Erma, e-So-ss	Storrs
Bennett, Leeman B, e-J	Meadow
Bennett, Mar L. Cor	Mc Cormick
Bennett, Pauline, Sec-1	Storrs

Bennett, Leslie, e-ss	Deseret
Bennett, Mark L. e-ss	Holden
Bennion, Ruth, e-F	Lehi
Bennion, Harold, Cor	Independence, Mo.
Benson, Ezra T, Sp-So	Whitney, Ida.
Benson, Lonida, e-F	Moreland, Ida.
Bentley, Edward W, E-F	Provo
Bentley, Harold W. Gr	Provo
Bentley, Joseph T, a-F	Colonia Juarez Chih, Mex.
Bentley, LeRoi, c-ss	St. George
Bentley, Mathew M, c-J	St. George
Bentwet, Edna, e-ss	Provo
Bentley, LeRoi, Cor	Huntington
Berrett, Edward, a-J	Menan, Ida.
Bethers, Pratt, a-So	Heber
Biddulph, Lowell, a-F	Provo
Biddulph, Rulon, a-S-ss	Provo
Biddulph, Samuel, Gr	Provo
Bigelow, P. P. Ap-So	Provo
Bigelow, Margaret, Ex	Provo
Billings, Elton T, c-F	Duchesne
Billings, Elva, Cor	Provo
Billings, Fern, e-F	Provo
Bingham, Emily, e-ss-F	Provo
Binns, Moyle T, a-F	American Fork
Birch, Leah I, e-ss	Coalville
Bird, Aileen, e-F	Springville
Bird, Mary, a-F	Springville
Bird, Anna S. Ex	Springville
Bird, Carol, Ex	Springville
Bird, Mollie G, Ex	Springville
Bishop, Layton, Ap-So	Hinckley
Bjerregaard, Oscar F, e-ss	Provo
Black, Golden, c-F	Delta
Black, Gladys, Ex	Provo
Blackham, Lucille, Ap-F-ss	Moroni
Blackburn, Melba, Sec-4	Delta
Boardman, Darwin J, a-F	Provo
Bohn, Bertha, e-F	Beaver
Bohne, Emmith, a-ss	Mt. Pleasant

Boley, Myron M, Gr	American Fork
Boley, Myrtle Thelma, Ap-F	American Fork
Bonnett, Aileen, a-ss-So	Provo
Boostrom, Gladys, a-ss	Provo
Bonnett, Laura, a-Sp	Provo
Booth, Leona, e-So-ss	Provo
Boss, Clara, e-ss	Midway
Bowen, David A, e-ss	Spanish Fork
Bowen, John E, Gr	Spanish Fork
Bowen, Lois, e-F	Spanish Fork
Bowen, Lora K, e-F	Spanish Fork
Bowen, Russell, e-F	Spanish Fork
Bown, Ovila, Sec-4	Gunnison
Bown, Joseph, Sec-2	Provo
Bown, Newell, Sec-4	Provo
Bown, Leland, a-Sp	Provo
Bown, Ethel J. Ex	Provo
Booth, Editha, Sec-Sp	Provo
Bowman, Bernardo, a-ss-S	Kanab
Bowman, Evita, Sec-2	Milford
Bowman, Maybeth, a-ss-S	Provo
Bowman, Mina, e-ss	Colonia Juarez, Mex
Boyack, George B. c-J	Delta
Boyden, Alden J, Ap-F	Provo
Boyer, Thelma, c-So	Springville
Boyle, Melva, e-ss-S	Provo
Boyle, Virginia, e-Sp	Provo
Boyle, Keith, e-F	Provo
Boyle, Wilma, Sec-1	Provo
Bradford, Irma C, Ap-S-ss	Spanish Fork
Bradford, Leda, a—ss	Spanish Fork
Bradford, Rawsel W, a-F	Spanish Fork
Brasher, Kenneth J, a-F	Huntington
Brereton, Evelyn, Sec-1	Provo
Brewer, R. J. Cor	Solomon, Ida.
Brimhall, Golden, Sec-2	Provo
Brimhall, Helen, Sec-2	Provo
Brimhall, Iona, a-So	Provo
Brimhall, Jennie, Sec-2	Provo
Brimhall, Melvin A, e-J	Payson

Brimhall, Rulon, a-S	St. David, Ariz.
Brimhall, Fern S. Ex	Provo
Brimhall, Ida, Cor	Long Beach, Cal.
Brimhall, Mrs, M. H. Ex	Provo
Broadbent, Berne P. Ap-Sp	Provo
Broadbent, David A, Gr-ss	Heber
Broadbent, Cecil, c-F	Provo
Broadbent, Grant, c-F	Heber
Broadbent, Naomi, Ap-F	Heber
Broadbent, Vida, Ap-J	Heber
Brockbank, Hazel, ss	Spanish Fork
Brooksby, Oscar, Sec-2	Fredonia, Ariz.
Bromley, Adar W, c-Sp	American Fork
Brough, Bessie J, e-F	Morgan
Brown, Mildred, Cor-e-ss	Monarch
Brown, Ralph, Cor	Tula, Mexico
Brown, Jerome, a-F	Payson
Brown, Alburn, e-ss-Cor	Bicknell
Brown, Ellen E. Cor	Bicknell
Brown, Madoline E, a-Sp	Fredonia, Ariz.
Brown, Helen, Sec-1	Provo
Brown, Joseph, Sec-3	Duchesne
Brown, Margaret, e-ss	Boneta
Browne, Mina, e-So	Spanish Fork
Brunson, Ruth, e-F	Fillmore
Brunner, Alice, a-S	Provo
Brunner, Pauline, A-S	Provo
Bryner, Leona, a-So	Price
Bryner, Lorin, a-F	Helper
Buchanan, Birdie, Sec-4	Provo
Buchanan, Thela, a-F	Blackfoot, Idaho
Buchanan, Var O, Cor	Hayden, Ariz.
Buckwalter, John E, c-F	American Fork
Bullock, Ralph, Ap-S	Provo
Bullock, Lapreal, e-ss	Provo
Bunker, Mae, e-So	Salt Lake City
Bunnell, LeRoy, Ap-Sp	Provo
Bunnell, Merrill J, a-S	Provo
Bunting, Eva, e-So	Kanab
Burch, Fern, Sec-2	Provo

Burch, Hilton, Sec-2	Provo
Burch, Mary, Ap-ss-F	Provo
Burgener, Inez, a-F	Provo
Burgener, Owen F, a-So	Provo
Burns, Beatrice, e-F	Castle Gate
Burnham, Jessie, e-ss	Kirtland, New Mex.
Burr, Lila, e-Sp	Provo
Burt, Byron, c-F	Springville
Burt, Marie, a-Sp	Springville
Bush, Leslie, Sec-4	Pleasant Grove
Bush, Emma, Ex	Pleasant Grove
Bushnell, Zada, e-ss-F	Provo
Buttle, Leland, B, a-So	Provo
Butler, Marita, e-ss	Mesa, Arizona
Butler, Jennie, Cor	Snowflake, Ariz.
Bylund, Roma, e-ss	Provo
Calder, David, c-So	Vernal
Calder, J. Hamilton, c-S	Vernal
Call, Alta, a-So-ss	Blackfoot, Ida.
Call, Anson B, a-So	Colonia Dublan, Mex.
Call, Bessie, e-So	Provo
Call, O. J. e-ss	Provo
Call, Velan D, a-F	Colonia Dublan, Mex.
Callis, Kathleen, Ap-So	Atlanta, Georgia
Callis, Grace, Ap-So	Atlanta, Georgia
Callister, Lillian, Cor	Provo
Campbell, Elma P. a-F	Provo
Campbell, Leland O., c-ss-S	Provo
Cameron, Berg, e-ss	Panguitch
Candland, Harold A., a-So	Provo
Candland, Don C., Sec-1	Mt. Pleasant
Candland, Wendell H., Sec-4	Provo
Cardall, Claud C., Ap-So	Provo
Cardall, Hannah J., e-ss	Provo
Carling, Otis, e-So	Fillmore
Carling, Lora, e-ss	Fillmore
Carlson, Oscar J., e-So-Ex	Pleasant Grove
Carlston, Mildred, e-ss	Fairview
Carrigan, Lucile, e-ss	Bingham
Carpenter, Ella, e-F	Glendale

Carlile, Fern P., c-Sp	Phoenix, Ariz.
Carroll, Helen, c-F	Provo
Carroll, Maurine, c-So	Provo
Carson, Della, Cor	Lehi
Cartwright, Anne, e-F	Beaver
Cartwright, Letha, e-F	Beaver
Cash, Beatrice, e-ss	Charleston
Cash, Bennett, e-ss	Charleston
Chadwick, Eva, e-F	Morgan
Chamberlain, Dilworth, Sec-4	Provo
Chamberlain, Mary, Ex	Provo
Chamberlain, Royal R, a-S	Provo
Chatwin, Curtis, e-F	Mammoth
Chapman, John L, Cor	Denver, Colo.
Cheever, Tirzah, Ap-ss-S	Provo
Childs, Alice E., Ex	Provo
Childs, DeVere, Ex-ss	Provo
Childs, Berthena, Cor	Springville
Chipman, LaRee, e-F	American Fork
Chipman, Ralph S., a-J	American Fork
Chipman, Ruth, a-J	American Fork
Chipman, Leah, Ex	American Fork
Childs, Lewis B., Ap-F	Springville
Christenson, Angus, a-J	Salem
Christensen, Clare B., Ap-F	American Fork
Christensen, Elaine, a-ss-S	Manti
Christensen, Evan C., e-F	Aurora
Christensen, Pearl, Sec-3	Provo
Christensen, Nephi A., a-S	Provo
Christensen, Hans Reed, a-J	Ephraim
Christensen, Ralph J., a-F	Provo
Christensen, Rulon, e-S	Ephraim
Christensen, Sherman A., a-So	Manti
Christensen, Norma, Cor-ss	Pleasant Grove
Christensen, J. Cortez, Cor	Chicago
Christensen, Ruby J., Ex	Springville
Christiansen, Merle, e-F	Ibapah
Christianson, H. James, e-ss	Spanish Fork
Christianson, Ray B., Ap-F	Spanish Fork
Christiansen, Ralph H., c-F	Richfield

Christiansen, Valdon, c-F	Fountain Green
Church, Charles, Cor	Atlanta, Georgia
Clark, Alice, Sec-1	Parowan
Clark, Bryant R., a-S	Georgetown, Idaho
Clark, Daniel B., a-Sp	Cedar City
Clark, DaCosta, Sec-4	Provo
Clark, Ella A., e-F	Lehi
Clark, Helene, a-J	Springville
Clark, Edgar M., Sec-2	Parowan
Clark, R. G. Sec-2	Provo
Clark, Ruth Sec-4	Provo
Clark, John L., a-So	American Fork
Clark, Mrs. J. C. a-ss-Ex	Provo
Clark, Melba R., e-ss	Pleasant Grove
Clark, Monroe H., Gr	Springville
Clark, Walter E., e-So	Georgetown, Ida.
Clark, Willard H., c-ss-F	American Fork
Clark, Mrs. M. J. Ex	Provo
Clark, Nellie M. Ex	Provo
Clark, Lucina, Ex	Springville
Clayson, Merrill D., Ap-S	American Fork
Clayton, Ernest C., Ap-S	Pleasant Grove
Clayton, Edgar, Sec-4	Provo
Clegg, Luke, ss-e	Rossevelt
Clement, Margaret, Cor	Standardville
Cluff, Nola, e-So	Provo
Cluff, Ruth, e-So	Provo
Cluff, Mrs. C. R. a-Sp	Provo
Cluff, Sterling C., c-F	Provo
Clyde, Clara, a-F	Springville
Clyde, Donald, a-F	Springville
Clyde, Dorthy, e-F	Provo
Clyde, Lillian, a-F	Heber
Clyde, Lora, e-ss	Heber
Coffman, Elmo, Cor	Springville
Coleman, Erma, e-So	Midway
Coleman, Glenna, Sec-3	Randsburg, Cal.
Coleman, Ina, e-F	Provo
Coleman, Jean L., Ap-F	Midway
Colvey, Lola, a-F	Provo

Collings, Leah, Ex	Springville
Condie, Aurther, a-F	Springville
Condie, Melba, a-S	Springville
Cook, Clella, Ap-F	Afton, Wyoming
Cook, Eldon W, a-F	Pegram, Idaho
Cook, Libbie, a-J	Paris, Idaho
Cook, Ralph W. Sec-3	Fountain Green
Cook, Victoria, Sec-4	Provo
Coombs, Mrs. Ellis D., Cor-ss-e	Fairview
Cope, Dena. Sec-3	Provo
Cope, Eva, Sec-3	Provo
Cope, Maurine, Cor	Tropic
Cope, Orpha, e-ss	Tropic
Cooper, Charles D., Ap-S	Rexburg, Idaho
Coray, Herman C., a-Sp	Redmesa, Colo.
Corbett, Don C., a-So	Provo
Corbett, Freda, e-ss	Kamas
Cordner, Howard, Ap-So	Provo
Cordner, Thomas, e-So	Provo
Corless, Albert V., a-F	Paul, Idaho
Cornaby, Leslie, a-ss-S	Spanish Fork
Cornell, William, a-ss	Parowan
Cornish, Milton, c-F	Spanish Fork
Cornish Royle, c-F	Spanish Fork
Cottam, Moroni J., Ap-S	St. George
Cottam, Clarence, a-ss-Cor	Alamo, Nevada
Covington, Douglas, Sec-3	Grover
Coulam, Joseph, Ap-J	Pleasant Grove
Cowley, Louise, e-F	Venice
Cowley, Oscar A., Ap-F	Venice
Cox, Elvida, e-ss	Manti
Crandall, Camille, a-J	Provo
Crandall, Horace, ss	Provo
Crandall, Karl Kent, a-So	Springville
Crandall, Regina Hughes, e-ss	Spanish Fork
Crandall, Gordon, Sec-4	Springville
Crandall, Horace R., Sec-3	Provo
Crandall, M. E. Jr., Ex	Springville
Crandall, Mrs. M. S. Ex	Springville
Crandall, La Verne, Cor	Snowflake, Ariz.

Crane, Ferril, e-F	Riverton
Crane, Clair Burdette, Ap-F	Provo
Crawford, Marva, Ap-J	Enterprise
Crawford, Edwin L., e-ss-Cor-S	Sandy
Crawford, Carl A., Ses-3	Enterprise
Crawford, Juanita, e-F	Ferron
Crawford, Minnie, a-J	Enterprise
Crawley, Leland, c-Sp	Provo
Creer, Clara, a-J-ss	Spanish Fork
Creer, Ford, C-J	Spanish Fork
Creer, Norma, a-F	Provo
Creer, Roscoe, a-So	Spanish Fork
Croft, Calvin, Ap-J	Deseret
Croft, Evan M., c-F	Deseret
Croft, Adlean, Sec-4	Deseret
Crosbie, LaVerne, c-Sp	Provo
Crowther, Eldon, Sec-4	Provo
Crowther, Osmond C., c-Sp	Provo
Crowther, Earl, Cor	Elko, Nev.
Cropper, Florence, a-J	Hinckley
Cropper, Melba, ss	Hinckley
Cropper, Mahonri, Sec-2	Hinckley
Crossgrove, Hulda, e-F	Draper
Croxall, Lucile W., c-Sp	Tacoma, Wash.
Cruikshank, Louise, a-So	Montpelier, Ida.
Crystal, Lucille, Sec-3	Salt Lake City
Crystal, Ramah, Sec-3	Salt Lake City
Cullimore, James A., c-F	Pleasant Grove
Culmer, Mildred, Ap-F	Pleasant Grove
Curtis, A. Brentnall, Ap-F	Payson
Curtis, Lawrence C., a-F	Thatcher, Arizona
Curtis, Lucille, e-F	Payson
Curtis, Robert, a-F	Provo
Curtis, Verda, e-F	Richfield
Curtis, Martin W., c-F	Vernal
Curtis, Heber A., Cor	Payson
Cruser, Irene, Cor	Winter Quarters
Curtis, Theo, Cor	Salt Lake City
Cutler, Margaret E., a-F	Burley, Idaho
Dana, Norma, a-F	Mesa, Arizona

Dangerfield, Royden, c-S-ss	Provo
Daniels, Rhea, e-So	Payson
Dastrup, Louise, a-S	Provo
Dastrup, Thelma, a-ss-So	Provo
Dastrup, Ila, Gr-ss	Provo
Davenport, L. Ray, Cor	Tropic
Davis, Dale, Sec-4	Provo
Davis, Mildred, Sec-Sp	Provo
Davis, Hannah, Ex	Springville
Davis, Sarah, Ex	Springville
Davis, Mattie A., Ex-e-So-ss	Springville
Davies, Bessie, a-ss-So	Provo
Davis, Blanche, Ap-S	Provo
Davis, Boyd C., Ap-Sp	Provo
Davis, Donald D., e-F	Spanish Fork
Davis, Eva M., Ap-So	Provo
Davis, Charles R., e-F	Salem
Davis, Franklin S., a-ss	Salt Lake City
Davis, Roscoe E., Gr-ss	Benjamin
Davies, Morris E., a-F	Provo
Day, Betty E., e-So	Idaho Falls
Day, Geneva, Cor	Draper
Dayton, Everett E., a-So	Cokeville, Wyo.
Deal, Mattie, Ex	Springville
Dean, Lizzette, e-S	Salt Lake City
Densley, Elna, Ex	Riverton
Dennis, Eldon, a-F	Provo
Dennis, Laura, Sec-3	Myton
Decker, Briant L., Gr	Idaho Falls
Decker, Verna, a-J	Idaho Falls
Dedrickson, Ruth, e-ss	Spanish Fork
DeMille, Della, e-So	Rockville
Denison, Cleo, e-ss	Manti
Denison, J. Melvin, e-ss	Manti
Devy, Walter, c-J	American Fork
Dixon, Aileen, Ex	Payson
Dixon, Willdee G., e-S-Cor	Payson
Dickson, La Vern H., a-S	Morgan
Dickson, Ona, Cor	Castle Dale
Dixon, Leah, e-ss	Provo

Dixon, Earl M., Cor	Denver, Colo.
Dixon, Mrs. Sarah L., ss	Provo
Dickson, Marvin D. c-F	Heber
Dickson, Ross, c-F	Morgan
Dickerson, Wanda E., e-F	American Fork
Dixon, Fred W., c-J	Provo
Dixon, Paul Smoot, c-F	Provo
Dickson, Thomas, Ap-F	Heber
Dixon, Reba E., e-ss-So	Silver
Dodds, Jean, e-F	Panguitch
Donaldson, Vessa, e-F	Springville
Dorrity, Maxine, e-F	Winterquarters
Dougall, Hugh, a-S	Springville
Dougall, Josephine, a-So	Springville
Dougall, Emma, e-ss	Springville
Duke, Melba, e-So	Heber
Dunford, Teller A., a-So	Provo
Dunn, Carol, a-So	Provo
Dunn, Fred, Sec-2	Provo
Dunn, Mrs. J. H. Ex	Provo
Durnell, George, Ray, e-F	Provo
Durrant, Melva, ss-c-F	Provo
Durrant, Dean L. Sec-3	Provo
Durrant, Inez, Sec-2	Provo
Duthie, Isabelle, E-ss-So	Colonia Juarez, Mex.
Dutson, Celestial, e-F	Hinckley
Duston, Ila, e-ss	Hinckley
Eagar David R., e-S	Mammoth
Eagar, Josephine, Cor,	Ely, Nev.
Eastmond, Elbert H., e-Sp	Provo
Eastmond, Margaret H., a-Sp	Provo
Easton, Andrew H., a-Sp	Evanston, Wyo.
Edwards, Maud, Ap-So	Provo
Edwards, Thora, e-F	Charleston
Edwards, William F., a-F	Rigby, Idaho
Egbert, Anna, Gr-Ex-ss	Lewiston
Eggertsen, Simon Peter, Gr	Provo
Eggertsen, Esther, a-So	Provo
Eggertsen, Paul, c-J	Provo
Eggertsen, Lars E, Gr-ss	Provo

Ekins, Lee R., c-So	Provo
Edler, Jennie, Sec-4	Provo
Eliason, Alice T., e-S	Brigham City
Ellett, Neta R., e-S	Bicknell
Ellett, Almon C., e-ss	Bicknell
Ellertson, Clarence, Ex	Provo
Ellertson, Lila, e-F	Provo
Ellingford, Fernando O., a-F	Tridell
Elliott, Vilate, Ap-ss	Provo
Ellison, William Douglass, a-F	Provo
Ellsworth, Lola, Ap-F	Safford, Ariz.
Ellsworth, George A., e-ss	Lyman, Wyo.
Elmer, Arthur Leland, e-F	Payson
Emert, Dicia, e-F	Roosevelt
Ence, Melba, a-F	Richfield
Engar, Karl J. a-F	Provo
Engar, Louise, a-ss	Provo
Ercanbrack, Retia, Sec-3	Goshen
Erickson, Beth, e-So	Mt. Pleasant
Erickson, Edna, e-ss-F	Kooshareem
Erickson, Jennie, e-So	Springville
Erdmann, Clarence D, a-F	Springville
Evans, Klea, Sec-3	Provo
Evans, Norma, e-So	Spanish Fork
Evans, James E., Cor	Grace, Idaho
Evert, Opal, c-F	Lovell, Wyoming
Eves, Dora M., Ap-So	Provo
Eyring, Fern C., Ex	Provo
Fairburn, Rulon, a-F	Sandy
Farmer, Jane, a-F	Bliss, Ida.
Farrer, Edith, a-J	Provo
Farrer, Mrs. Martha, Ex	Provo
Farnsworth, Philo T, a-Un	Provo
Farnsworth, Silva, Sec-2	Provo
Farnsworth, Reed W., c-F	Beaver City
Farnsworth, Agnes, Gr-ss	Rigby, Idaho
Farnsworth, Viola, e-Sp-ss	Provo
Fechser, Clyde I., a-F	Provo
Fechser, Estrella, e-So	Moroni
Fechser, Elva, e-So	Moroni

Fechser, Kenneth, e-So	Provo
Ferguson, George, Sec-Sp	Provo
Ferguson, Lucille, e-ss	Spanish Fork
Fielding, Pearl, Cor	Lincoln, Nebo
Finley, May, Ex	Springville
Finley, Bessie, Ex	Springville
Finlayson, Bliss L., a-So	Provo
Finlinson, Burns L., e-So	Leamington
Fish, Seymour P., e-ss	Snowflake, Ariz.
Fisher, John Elmer, Gr	Rigby, Idaho
Fischer, Sandea, e-ss	Provo
Fisher, Elizabeth, e-So	Heber
Flowers, Seville, ss	Salt Lake City
Fitzroy, Nellie, Ap-Sp	Provo
Fitzgerald, Alvah, e-ss	Kanab
Fjeldsted, E. La Barth, a-J	Gunnison
Fjeldsted, Byron, Sec	Gunnison
Flake, Augusta, e-a-S	Snowflake, Ariz.
Flake, Donald C., a-S	Snowflake Ariz.
Folland, Grace LaVerne, a-J	American Fork
Foster, Louise, e-ss	Provo
Foote, Maud, Sec-4	Safford, Ariz.
Forbes, Eva, e-So	Alpine
Ford, Arvilla, e-F	Kanab
Fortie, Deon, Ap-F	Heber
Fortie, Jowett A., e-Sp	Boneta
Foss, Ezra S., a-F	Preston, Idaho
Forsyth, Harry, Sec-1	Provo
Forsyth, Helen, Sec-1	Provo
Foster, Lenore, a-Sp	Provo
Foster, Ivan J., c-F	American Fork
Fotheringham O. K. a-ss-So	Escalante
Fotheringham, Kenneth, Sec-1	Panguitch
Fowers, A. C. c-ss	Provo
Fowler, Leone, e-ss	Hooper
Fox, Norine, e-So	Lehi
Fowers, LeRoy, Sec-3	Hooper
Francis, Verda, e-F	Spanish Fork
Francis, Charles T., c-F	Morgan
Francom, Camille, Ex	Provo

Francom, Harriet, Ex	Provo
Frandsen, Victor, a-J	Springville
Frandsen, Winona, e-S	Springville
Friel, LaPriel, Ex	Springville
Frisby, Geralee, e-F	Draper
Funk, Izetta A., e-F-ss	Provo
Fullmer, Nita, Sec-2	Provo
Fuller, Naomi, Ap-So	Sliver City
Gagosian, Viola, e-F	Price
Gale, Rowena, e-ss	Beaver
Galloway, Fontella, Ap-F	Rossevelt
Gammette, Maurine, e-F	Pleasant Grove
Gardner, Arling, Cor	Afton, Wyoming
Gardner, Gladys, e-F	Spanish Fork
Gardner, Garr, a-F	Orange, Cal.
Gardner, Ivin E., e-Sp	Provo
Gardner, Margaret, Ap-ss	Provo
Gardner, Nathan H., Cor	Houston, Texas
Gardner, Stella, Sec-1	Salem
Gardner, Lillian, e-F	Mt. Carmel
Garfield, Northrop E., Ap-F	Draper
Garrett, Wm, H., c-Sp	Nephi
Garrett, Eleada, e-ss	Nephi
Garrett, Oscar, a-ss	Provo
Gates, Emma Grace, a-So	St. George
Gee, Edith, a-So	Provo
Gessford, John B., a-J	Provo
George, Laura, e-F	Escalante
George, Leslie, c-So	Provo
George, Arvilla, e-ss	Escalante
Geary, Fawn, e-So	Huntington
Gerber, Fern e-ss	Provo
Giddings, Luther, Gr	American Fork
Giles, Mary E., e-F	Provo
Gilchrist, Ione, a-ss	Lehi
Gilchrist, Robert Jr. Cor	Ontario, Oregon
Gillespie, Elizabeth, a-ss	Provo
Glazier, Helen, a-F	Provo
Glazier, Karl W., c-F	Kanab
Glazier, Leslie, c-F	Kanab

Gledhill, Ellwood, c-S	Provo
Glines, Clara, e-ss	Vernal
Goates, Edith, a-ss	Lehi
Goates, Edythe Malissa, e-F	Lehi
Goates, LuPriel, e-F	Lehi
Gottfredson, Merrill, a-F	Springville
Goldsbrough Vilnah, e-So	Springville
Gollaher, Ruth, a-F	Mesa, Arizona
Goodrich, Forrest, Sec-3	Tridell
Goodrich, Darrell, a-F	Tridell
Grace, Anna, Ap-F	Nephi
Graham, Marian, a-J	Provo
Graham, Verena, e-So	Fairview
Green, Barbara, e-So	Pleasant Grove
Green, Emmett R., e-F	Huntington
Green, Margaret, a-F	American Fork
Greenwood, Clara M., e-F	American Fork
Greenwood, Delbert, a-J	American Fork
Greenwood, Ernest M., e-ss-Cor	Nephi
Greenwood, Mrs, E. M. Cor	Nephi
Greer, Menlo, Sec-4	Holbrook, Ariz.
Gribble, J. W. e-ss	Salina
Grose, Florence, e-ss	Park City
Groesbeck, Earl S., e-S	Springville
Groesbeck, J. Rowe, Gr-ss	Springville
Groesbeck, Berton, Gr-ss	Springville
Grotegut, Arthur, e-F	Spanish Fork
Gudmundson, Leona, e-So	Springville
Gunderson, V. H. e-ss	Mt. Pleasant
Gurney, Francis John, a-J	Lehi
Gustaveson, Rubye, Sec-3	Holden
Guy, Connie, c-F	Provo
Guymon, Cora, e-ss	Huntington
Guymon, Glen, a-S	Provo
Guymon, E. Lee, e-ss	Huntington
Guymon, William, c-ss	Orangeville
Hackett, Margaret, a-J	Lehi
Hacking, Josephine M., e-So	Vernal
Hacking, Marie, e-F	Provo
Hacking, Rulon, Sec-4	Vernal

Hacking, Ralphena, Sec-2	Provo
Hafen, Arthur, Gr-ss	St. George
Hafen, Orvel, a-S	Santa Clara
Hair, Delamar, Ap-S-ss	Provo
Hair, Isabelle, e-F-ss	Duchesne
Hales, Mary, ss-e-So	Spanish Fork
Hamilton, Esther R., Ap-J	Sugar City, Ida.
Handley, George, K., c-F	Sandy
Hanford, Amber, a-So	Mt. Pleasant
Hanks, Eunice, e-So	Heyburn, Idaho
Hanks, Melvin R., e-F	Salem
Hanks, Lynn, e-ss	Salem
Hansen, Alma, Sec-1	Ogden
Hansen, Blaine, Ap-So	Spanish Fork
Hansen, Ella, e-J	Provo
Hansen, Helen, e-So	Mammoth
Hansen, Jennie G., a-Sp-ss	Vernal
Hansen, Mabel, e-So	Spanish Fork
Hansen, June, Sec-2	Hiawatha
Hansen, Grant, c-F	Provo
Hansen, Lena, a-ss	Provo
Hansen, Leo, e-ss	Lehi
Hansen,, Maud, e-ss	Ephraim
Hansen, Margaret, e-ss-a-F	Provo
Hansen, Mary, a-Sp	Provo
Hansen, Marie A, e-F	Goshen
Hanson, Nellie, e-ss	Hinckley
Hansen, Zoe, a-ss-J	Provo
Hansen, Thella, e-F	Ephraim
Hansen, Reuben L., Sec-2	Ogden
Hansen, Sophie e-F	Spanish Fork
Hansen, Mildred L., e-F	Elsinore
Hansen, Velda, e-So	Payson
Hardy, Stanley, a-F	Midview
Harding, Mary Afton, Ap-J	Provo
Harding, Charles L. c-F	Payson
Harding, Bernice, ss	Ogden
Harding, Jennie e-ss	Provo
Harding, Paul, Gr-ss	Provo
Harmon, Chauncey, a-J	Manti

Harmon, Dorothy, c-So	Provo
Harmon, L. B., Gr-ss	Provo
Harris, Carl J., c-So	Provo
Harris, Estella, a-ss	Provo
Harris, Leah, a-So	Rexburg, Ida.
Harris, Lionel, e-F	Pleasant Grove
Harris, Arlene, Sec-3	Provo
Harris, Lenora, Sec-2	Provo
Harris, Richard Parkes, a-S	Provo
Harris, Stella, e-F	Payson
Harris, Joseph W. a-J	Provo
Harrison, Carroll, a-F	Springville
Harrison, Linmore, e-F	Salem
Harrison, Louise, ss	Salt Lake City
Harrison, Milton H., c-J	Springville
Harrison, Vivian, a-F	Springville
Harrison, Walter F., e-ss	Wallsburg
Hart, Veda, ss-e-So	Rigby, Idaho
Hartley, Elton, Sec-4	Provo
Harvey, Mildred J., a-So	Alberta, Can.
Harward, Harold R., c-So	Springville
Harward, Paul, c-S	Springville
Hatch, Lucille, e-ss-F	Provo
Hathcock, Jethro M., a-ss-S	Mesa Ariz.
Hatton, Ross, a-F	Provo
Haws, Sterling, e-ss	Vernal
Haws, Verda Mrs. e-ss	Vernal
Haycock, Francis M., a-F	Panguitch
Hayes, Alton J. c-So	Provo
Hayward, Lynn, a-So	Paris. Ida.
Hayward, H. E., ss	River Falls, Wis.
Haywood, Ida, ss	Panguitch
Heaton, Gerald F., c-So	Provo
Heaton, Ione H., a-ss-S	Provo
Healey, Alloween, e-ss	Alpine
Hebertson, Thorit C., ss	Provo
Hedquist, Edith, e-ss-Sec-4	Provo
Hedquist, Victor E., c-So	Provo
Henderson, Laura, e-So	Provo
Henderson, Mary K., e-F	Vernal

Henderson, Myrtle, Gr-ss	Clifton, Ida.
Hendricks, Milo C., Sec-3	Pocatello, Ida.
Hendricks, Ruth, a-F	Richmond
Henrie, Arte, Sec-4	Cannonville
Henrie, Keith, Sec-2	Provo
Henry, Don F., a-F	Provo
Henrie, Gerald, a-ss-J	Manti
Henrie, Theresa, ss	Provo
Hibbert, D. May, e-ss-J	Le Grande, Oregon
Hibbert, Lovell, c-So	Mesa, Ariz.
Hickman, Felton, e-So	Levan
Hickman, Ione, e-F	Benjamin
Hickman, Florence, ss-F	Payson
Hickman, Julia, M., e-ss	Bicknell
Higgins, Clarence, c-Sp	Provo
Hills, Belva, e-So	Provo
Hills, Lee, a-F	Price
Hiller, Walter, Sec-2	Provo
Hinckley, Fred R. c-So	Provo
Hinckley, George E, a-S	Provo
Hindley, Mona, e-F	American Fork
Hodson, Ethelyn, a-ss	Provo
Hodson, Marva, c-F	Provo
Hodgins, Janes, e-ss	Spanish Fork
Holbrook, Clara, e-F	Fillmore
Holbrook, Rachel, e-J	Provo
Holbrook, Jennie, Sec-4	Provo
Holbrook, Mary, Sec-1	Provo
Holdaway, Orin, Gr.	Pleasant Grove
Holfeltz, Lamont, a-F	Vernal
Holladay, Howard, e-S-ss	Santaquin
Holt, Heber M., e-ss-S	Enterprise
Holt, Jesse C., e-F	Spanish Fork
Holt, Paul, Sec-1	Provo
Hopkin, Mark, c-F	Croydon
Holman, Geneva, e-ss	Manassa, Colo.
Hortt, James, Sec-1	Provo
Houtz, Ray, a-F	Provo
Howard, Jane, e-S	Salt Lake City
Howard, Orin, c-So	Riverton

Howarth, Sadie, a-F	Richfield
Howe, Velma, a-ss-S	Provo
Hoyt, Helen Grace, a-J	Provo
Huber, Alma, c-F	Midway
Huber, Clara E, e-ss	Midway
Huber, Robert E, c-F	Payson
Huff, Mark, e-F	Spanish Fork
Hughes, Alton Grant, e-F	Spanish Fork
Hughes, Bernice, e-ss	Spanish Fork
Hughes, Norma, a-ss-F	Provo
Huish, Genevieve, a-F	Provo
Huish, Nina, a-J	Provo
Hull, Mary Helena, e-F	Provo
Hullinger, Jess, Ap-J	Vernal
Hunter, Irma, a-So	St. Anthony. Idaho
Hunter, Jesse D., c-Sp	Provo
Huntington, Mrs. Mae, e-So	Springville
Hutchings, Albert, Gr-ss	Springville
Hutchings, Earl, Ap-J	Springville
Hutchings, Gilbert A., e-F	Beaver
Hutchings, Howard, a-So	American Fork
Hutchings, Preal, e-So	Springville
Hutchings, Vernesse, a-F	Springville
Hutchings, Selar S., a-So	Springville
Hyde, Barney, a-S-ss	Provo
Hyde, Etta, ss	Provo
Ingersoll, Grant, a-So	American Fork
Ingram, Alonzo, a-ss	Nephi
Innes, Stanley, c-F	Paris, Idaho
Isaacson, T. B. Cor	Logan
Ivie, Lloyd O., e-ss-a	Salina
Ivie, Nora B., Ap-Sp	Provo
Ivie, Horace Leon, c-J	Salina
Iverson, Vernee H., Gr-ss	Salem
Jack, Francis, e-F	Ogden
Jacklin, Matilda, e-ss	American Fork
Jackson, Arvilla, Sec-2	Provo
Jackson, Audrey, Sec-1	Provo
Jackson, Amy, a-S-ss	Provo
Jackson, Fred W., c-F	Spanish Fork

Jackson, John Mrs. ss	Provo
Jackson, Violet, e-ss	Provo
Jackson, Orin H., c-F	Provo
Jackson, Armond L., Ap-F	Ogden
Jackson, Beryl, e-F	Fredonia, Arizona
Jackson, Victoria, e-So	Fountain Green
Jackson, Lavinia, Ap -Sp	Ogden
Jackson, Norma, Sec-1	Provo
Jackson, Udell, Sec-2	Provo
Jackson, Willie, Sec-2	Provo
Jackson, William F., Cor	Brownsville, Texas
Jackson, Golden L., e-F	Salem
Jacobs, Dorothy, a-J	Mt. Pleasant
Jacobs, Louise, e-So	Rexburg, Ida.
Jacobs, Oa, a-So	Ogden
Jacob, Maude Beeley, Gr-ss	Provo
Jacobsen, A. J. Cor-ss	Provo
Jacobsen, Erma, Ex	Provo
Jacobsen, Elma, e-So-ss	Provo
Jacobsen, Reuel, Sec-3	Provo
Jacobson, Tess, e-F	Provo
Jacobsen, William LeRoy, Ap-F	Hinckley
Jacobson, Geniel, ss	Manti
Jarman, LeGrande, Ap-So	Pleasant Grove
Jarman, Norma, Ap-J	Pleasant Grove
Jarvis, Joseph, Gr-ss	Springville
Jarvis, William P., e-ss	Huntington
Jaynes, O. S. Ex	Manti
Jeffs, Velma, Sec-3	Provo
Jenkins, Flora B., e-Sp-ss	Provo
Jenkins, Clayton Mrs. Ex	Provo
Jenkins, Joseph, Gr-ss	Ephraim
Jenkins, Marcus, Sec-2	Provo
Jense, Wesley, c-So	Pleasant Grove
Jensen, Anna, e-F	Provo
Jensen, Clarence L., a-S	Freedom
Jensen, Clara, ss-e	Mapleton
Jensen, Cleo, a-F	Magrath Alberta, Can.
Jensen, Edgar M., Gr-ss	St. George
Jensen, Elliot, Cor	Manti

Jensen, Florence H., a-ss-Sp-Ap	Provo
Jensen, Izola Dorothy, S-a	Ephraim
Jensen, Julia B., Gr-ss	Provo
Jensen, Lelia, e-F	Sanford, Colo.
Jensen, Louis, Ap-F	Goshen
Jensen, Leo J., Cor	Emery
Jensen, Marinus J., a-ss	Provo
Jensen, Marba, c-F	Sanford, Colo.
Jensen, Myrtie, Gr-ss	Idaho Falls
Jensen, Milton, a-So	Sandy
Jensen, Norma, a-So	Idaho Falls
Jensen, James, Ap-So	Provo
Jensen, Wanda Mary, e-F-Cor	Vernal
Jeppson, Ora, e-F	Payson
Jeppson, Wilma, a-Sp-ss	; Salt Lake City
Jex, Ida, ss-e	Spanish Fork
Jex, Francis, Cor	Castle Gate
John, Gussie B., Ex	Provo
Johnson, Alberta, a-F	Provo
Johnson, Anna, e-So	Kanab
Johnson, Blanche, Ap—	Pleasant Grove
Johnson, Celestia, a-S	Provo
Johnson, Clair, a-So	Springville
Johnson, Ellis, e-ss-S	Manti
Johnson, Estella, e-ss	Manti
Johnson, Georgiana, ss-Ex	Provo
Johnson, Julia, e-ss	Springville
Johnson, Kieth L. Ap-F	Pleasant Grove
Johnson, LeNore, a-So	Payson
Johnson, Halver, Sec-4	Benjamin
Johnson, Lyeon, c-F	Pleasant Grove
Johnson, Margaret E, a-F	Nampa, Idaho
Johnson, Myrtle M., e-F	Provo
Johnson, Orfa, e-F	Vernal
Johnson, Oswald, a-F	Pleasant Grove
Johnson, W. Owen, c-So	Kanab
Johnson, Pearl, e-ss-So	Vernal
Johnson, Reed, coSo	Springville
Johnson, Richard G., a-F	Mesa, Ariz.
Johnson, S. Rhoda, a-F	Provo

Johnson, Theora, e-So	Vernal
Johnson, Vera C. e-So	Benjamin
Johnson, Arlin Rex, Gr.	Provo
Johnson, Florence, a-Sp	Collinston
Johnson, Wallace, a-F	Price
Johnson, Wesley, c-So	Mesa, Arizona
Johnson, Wanda, Cor	Scipio
Johnson, Mrs. Wayne, Ex	Springville
Jolly, Alta, C-F	Elberta
Jolley, Leona, Cor	Tropic
Jones, Andrew J. Cor	Shafter, Nevada
Jones, Byron D., Ex-ss	Provo
Jones, Dora, a-S	Spanish Fork
Jones, Clarissa, e-ss	Price
Jones, Dorothy A. e-F	Lehi
Jones, Dorothy I., Gr	Moline, Ill.
Jones, Cannon, a-So	Provo
Jones, Emma P. e-So	Springville
Jones, T. Fletcher, c-So	Provo
Jones, Caroline, Ap-So	Cedar City
Jones, Jack, c-F	Spanish Fork
Jones, Josephine, e-F	Provo
Jones, Lucy V., e-ss	Vernal
Jones, S. Rosalin, e-ss	Lapoint
Jones, Tillie, e-F	Sunnyside
Jones, Ray H., a-J	Provo
Jones, Thomas W., a-F	Montpelier, Idaho
Jones, Vilate, a-Sp	Provo
Jones, William Albert, Ap-S	Spanish Fork
Jones, W. Glen, a-So	Springville
Jordan, Lois Cleo, a-F	Coalville
Jordan, Iona Knight, c-Sp-Ex	Provo
Jorgensen, Drew, Ap-So	American Fork
Jorgensen, Enoch, Gr-ss	Sandy
Jubb, Abia W., Sec-3	Fredonia, Ariz.
Kartchner, Alma, Sec-2	Provo
Kartchner, Ethel, Sec-4	Provo
Kartchner, Virgil, Sec-4	Provo
Kartchner, James A., e-ss-Sp-J	Provo
Keate, Dorothy, e-ss	Salt Lake City

Keetch, Russell R., Ap-F	Pleasant Grove
Kellett, Hilton E., a-J	Moroni
Keeler, Paul, a-F	Provo
Keeler, Ralph B., a-S	Provo
Keeler, Essie, e-ss	Provo
Kelsey, Fred, a-So	Springville
Kelsey, Effie, c-Sp	Springville
Keller, Curtis, a-F	Manti
Kenney, Don, c-J	Holden
Kenney, Lizzie B., e-So	Holden
Kenney, Lucille, e-Sp	Holden
Keyte, Lola, e-So	Provo
Keyte, Verda M., e-So	Provo
Killpack, George, Cor	Atlanta, Georgia
Killpack, Leland E., c-J	LeGrande, Oregon
Killpack, Lovell A., a-So	LeGrande, Oregon
Killpack, Marion., e-F	Ferron
Killpack, Movell J., e-ss-Cor	Salt Lake City
Killpack, Theron, c-So	Provo
Kimball, Abram LaVoy, c-F	Kanosh
Kimball, Clarence B, c-Sp	Provo
Kimball, Vienna, Sec-2	Provo
Kimball, A. Noble, c-F	Kanosh
Kimball, Edwin R., c-J	Draper
Kindred, Clifford, a-F	Springville
Kindred, Emiline, e-ss	Springville
King, Clea, Sec-2	Teasdale
King, Gladys, Sec-3	Provo
King, Lois, Sec-4	Teasdale
King, Hugh, C-F	Teasdale
Knight, Hazel, e-F	Delta
Knight, Jennie B., e-Sp-ssEx	Provo
Kirk, Odeal, Ap-So	Pleasant Grove
Knudsen, Clarence, Ap-So	Provo
Knudsen, Farel Emma, a-F	Provo
Knudsen, Goldburn L., Ap-Sp	Provo
Knudsen, Jarl H., Ap-J	Provo
Knudsen, Oral L., a-Sp	Provo
Kohler, Reed, c-F	Chraleston
Kolstrom, Drannen D., Cor	Wendell, Idaho

Krauss, Max, Sec-4	Provo
Kuhni, Paul, e-Sp	Provo
Lambert, Asael C, e-J-ss	St. Anthony, Ida.
Lambert, Richard F., a-S	Kamas
Laney, Leland C., a-F	Brigham City
Larsen, Alton, c-F	Duchesne
Larsen George, Ex	Pleasant Grove
Larsen, Lawrence J., Cor	Dodge City, Kan.
Larsen, Melba, Sec-Sp	Provo
Larsen, Blaine, a-F	Provo
Larsen, Clark C., e-F	Randlett
Larsen, Erma, e-F	Mayfield
Larsen, Floyd, a-So	Mt. Pleasant
Larsen, Frank J., e-F	Spanish Fork
Larsen, Geneva, e-ss	Provo
Larsen, Katie Bell, a-F	Roosevelt
Larsen, Karl, a-ss	Washington
Larsen, Marie, e-F	Mammoth
Larsen, Nettie, e-So	Duchesne
Larsen, Norman, a-J	Spanish Fork
Larsen, Spencer A, c-S	Spanish Fork
Larsen, Tharol B., e-F	Randlett
Leavitt, Aura, Ap-J	Bunkerville, Nevada
Leavitt, Charity, e-So	Bunkerville, Nevada
Leavitt, Melvin, a-F	Bunkerville, Nevada
Lee, Glen S., c-So	Panguitch
Lees, Ellen, ss	Pocatello, Ida.
LeFevre, Mabel ss	Panguitch
Leslie, Ida L., e-F	Ferron
Levi, Louise, e-So	Milford
Lewis, Anna, ss	Salt Lake City
Lewis, Emma M., e-So	Spanish Fork
Lewis, Ethel, Ex	Provo
Lewis, George K., a-J	Salt Lake City
Lewis, Kathryn, c-F	Provo
Lewis, Mildred, a-So	Provo
Lewis, Natella, e-ss	Provo
Lewis, Pamella, e-F	Spanish Fork
Lewis, Wayne, a-J	Spanish Fork
Liechty, Rose, Sec-1	Provo
Liechty, Gertrude, Sec-3	Provo

Liechty, Ida, e-So-ss	Provo
Lindeman, H. B. Cor	Manila
Linford, Phebe M., a-F-ss	Provo
Linford, Lois, Sec-1	Provo
Linton, Margaret, e-So	Nephi
Lindsay, Elizabeth F., Gr-ss	Provo
Lindsay, Lisle, Gr-ss	Provo
Lloyd, Donald, a-F	St. Anthony, Ida.
Lloyd, Dora, e-F	Upalco
Lloyd, Wesley P., e-So	St. Anthony, Ida.
Lott, Lillian, e-F	Lehi
Lovell, Nell, e-ss-F	Oak City
Lowry, Ethel, a-F	Manti
Loynd, Sarah, e-So	Springville
Ludlow, Beulah, c-So	Benjamin, Utah
Ludlow, Ida, e-So	Benjamin, Utah
Ludlow, Iona, e-F	Spanish Fork
Ludlow, Norma, e-E	Spanish Fork
Ludlow, Retta, e-F	Benjamin
Ludlow, Viola, e-F	Benjamin
Lund, Ellen B., e-F	Brigham
Luke, Clinton, e-ss	Sugar City, Ida.
Luke, Mellroy, Sec-2	Manti
Luke, Melvin, Gr-ss	Lewisville, Idaho.
Luke, Mabel, c-So	Manti
Luke, Victor, c-F	Provo
Lybbert, Jacob N., Gr-ss	Vernal
Lyman, Cynthia, e-F	Tridell
Lyman, Helen, ss	Salt Lake City
Lyman, Geneva, Sec-4	Tridell
Lyman, Oscar M., Ap-F	Provo
McAllister, Brigham W., ss-Ex-c-Sp	Provo
McAllister, R. Bernall, Cor	Grand Canyon, Ariz.
McAllister, Clara, Ap-J	St. George
McArthur, Helen, c-F	Provo
McCleery, Helen e-ss	American Fork
McCoard, Marion, e-F	Provo
McConkie, Don, c-J	Vernal
McDaniel, Roy, e-F	LaJara, Colo.
McIntosh, Kimball D., a-So	Provo

McKay, Albert C., e-F	Santaquin
McKelvey, W. F. Cor	Kansas City, Mo.
McKee, Ella, e-ss	Vernal
Mac Knight, Glen, a-F	Price
McKinney, Mary, Ap-F	Fairfield
McNaughton, J. E. Cor	Vernal
Mace, Fern P., Ex	Springville
Mackay, Helen, e-ss	Murray
Madsen, Albert, e-So	Fairview
Madsen, Edith C., a-So	Provo
Madsen Franklin, a-S-ss	Provo
Madsen, Royal D., a-Sp	Ephraim
Madsen, Leah, a-ss-J	Ephraim
Madsen, Willis, Sec-4	Provo
Maeser, Georgia, e-ss-J	Provo
Maeser, Mieth, a-ss-J	Provo
Magleby, Reed W., Ap-So	Monroe
Magleby, Fern, Ap-S-ss	Monroe
Manson, Hunter, c-S	Provo
Mangleson, LeGrande, c-F	Levan
Mangum, Gloria, Sec-4	Provo
Mangum, Jennie D., Ex	Provo
Manwaring, Arthur, e-ss	Vernal
Markham, Aldus, Cor-c-S	Provo
Markham, Lucile, Sec-4	Provo
Marley, Etta, Ap-S	McCammon, Idaho
Marrott, Deane, Ex	Pleasant Grove
Marshall, Mary W., a-Sp-Ex	Provo
Marshall, Virginia, Sec-3	Los Angeles
Martain, Haroldeen, Ex	E Springville
Martain, Maud, e-So	Springville
Martell, Wells, c-J-ss	Spanish Fork
Mathews, Elmer R. Cor	Somerset, Colo.
Mathews, Kate, e-ss	Provo
Mathis, Clair, c-F	Price
Mathis, Murray, a-F	Price
Matley, Mark, Ap-So	Spanish Fork
Maw, Carlyle E., a-S	Provo
Maw, Florence, e-ss-So	Provo
May, Frank Peter, Ap-So	Lovell, Wyo.

Mayer, Clifford, c-ss	Fountain Green
Mecham, Elton, Sec-1	Provo
Mecham, Earl W. Ap-F	Provo
Mecham, Wilford, Cor	Morgan
Mendenhall, V. Cornell, Ap-S	Springville
Mendenhall, Velma, c-So	Springville
Mendenhall, Wilfred, Ap-S-Cor	Springville
Mendenhall, Anna, Ex	Springville
Mendenhall, Guy, Ex	Springville
Mendenhall, J. F., Ex	Springville
Meldrum, Luella, e-So	Provo
Meldrum, Veda, Ex	Provo
Menlove, Erma, e-F	Payson
Menlove, Roy, a-F	Provo
Merkley, Cecil, a-Sp	Provo
Merkley, Charles, Sec-3	Tridell
Merkley, Clyde, Sec-2	Tridell
Merrill, Mrs. A. N. Ap-Sp	Provo
Merrill, Mrs. Amy L., Gr-ss	Provo
Merrill, Erma J., e-F	Provo
Merrill, Edna, Ex	Provo
Merrill, Harrison R., Gr-ss	Provo
Merrill, Mrs. H. G. Ex	Provo
Merrill, Mrs. M. W. Ex	Provo
Merrill, Vernon, Sec-4	Provo
Merrill, Wallace, Sec-4	Vernal
Meservy, Helen, e-ss-So	Provo
Meservy, Leah, Sec-2	Provo
Metcalf, Mary L., a-Sp	Provo
Metcalf, Irene, e-F	Rexburg, Idaho
Metz, Ruth, a-ss	Helper
Michie, Rula, a-ss	Provo
Migliore, Anna, e-F	Sunnyside
Miller, Annabell, e-ss	American Fork
Miller, Cecil R., Cor	Lake Worth, Fla.
Miller, Clara, e-ss	Sanford, Colorado
Miller, Edna, e-F	American Fork
Miller, Ella, Ex	Springville
Miller, Florence, e-F	Provo
Miller, Hilda, e-So	Provo

Miller, Karl A., Ap-F	Provo
Miller, Melvin C., c-F	Manti
Miller, Nina, Ap-F	Manti
Miller, Vesta, ss	Riverton
Miller, Virginia, a-Sp	Manti
Miller, Wenonah, e-F	Nephi
Millet, Lillian, e-F	Pleasant Grove
Millet, Roy F., a-ss-J	Castle, Dale
Miner, Verda, a-J	Fairview
Miner, Edgar, e-ss	Newdale, Idaho
Miner, Glen B., Cor	Fairview
Miner, O. L. Cor	Kanosh
Mitchell, D. R. Gr-ss	Lehi
Mitchell, Ruby, e-F	Francis
Mitchell, Ruth, E-So	Provo
Mitchell, Samuel, Ap-F	Provo
Moffitt, Charlotta, a-ss	Boneta
Moffitt, Clifton, e-J	Boneta
Moffitt, Max, a-F	Manti
Moffitt, Corene, Sec-4ss	Boneta
Moffitt, Ida, Cor-2	Helper
Moffitt, Howard, Sec-3	Boneta
Monk, Wells, c-So	Spanish Fork
Monson, Alvin E., Ap-F	Pleasant Grove
Moody, Edgar R., Gr-ss-S	Delta
Moody, Milton E., c-J	St. George
Moody, Hazel, a-Sp	Leeds
Moody, M. Ward, a-ss-S-Cor	Hinckley
Moody, Zeela, e-So	Hinckley
Moon, La Retta, Sec-1	Hanna
Moon, Myrthen, Sec-1	Hanna
Moore, Samuel D., Gr-ss	Pleasant Grove
Morgan, Arthel, a-J	Montpelier, Idaho
Morgan, Clara, Ap-Sp	Driggs, Idaho
Morgan, Edna G., Cor	Lyman, Wyoming
Morgan, Maud Evelyn, c-F	Provo
Morgan, Emma, e-F	Driggs, Idaho
Morgan, Leo, Cor-ss	Eureka
Morgan, Lucy, a-So	Montpelier, Idaho
Morgan, Mildred Virginia, e-F	Provo

Morgan, Thelma, Sec-2	Liberty, Idaho
Morley, Alonzo J., a-S	Moroni
Morrill, L. Grant, Cor	Mt. Emmons
Morrill, Reed, a-So	Tridell
Morrill, Ellis, a-So	Tridell
Morrell, H. LeRoy, Cor	Tridell
Morrison, Ilene, e-F	Monroe
Mortenson, Clifford, a-F	Mesa, Arizona
Mortensen, Delma, e-ss	Ephraim
Mortensen, Harry B., e-ss	Cleveland
Mortimer, George H., e-ss-S	Provo
Mortimer, William, e-F	Provo
Morton, Maralyn, ss	Pleasant Grove
Moss, Mildred, ss	Murray
Mousley, J. S., Cor	Atlanta, Georgia
Mower, Vera, Sec-4	Fairview
Moyle, Austin, Sec-2	New Castle
Moyle, De Lyla, Cor	American Fork
Mullenax, Wessley A, Cor	Atlanta, Ga.
Munk, Orpha, e-ss	Manti
Murdock, Lillie, Sec-S	Provo
Murdock, Ezra A., e-F	Sugar City, Ida.
Murdock, Paul B., Gr-ss	Provo
Murdock, Wilford R., e-So	Beaver
Murdock, Mrs. Virgie C., ss	Provo
Myrup, Orion F., a-So	Gunnison
Naylor, Ralph, c-F	Provo
Nebeker, Leila, Cor	Salt Lake City, Ut.
Nelson, Alda, c-Sp	Ferron
Nelson, Alice, ss	Provo
Nelson, Delia, c-ss	Salem
Nelson, Joseph C., a-Sp	Provo
Nelson, Charles A., Sec-4	Provo
Nelson, Lew B., Ap-J	American Fork
Nelson, L. Raymond, Gr-ss	Circleville
Nelson, William R., Ap-J	Heber
Nelson, William C., Cor	Mapleton
Newell, Afton, e-ss	Provo
Newman, Bessie e-ss	Pleasant Grove
Newman, Daisy, Ex	Pleasant Grove

Nielson, Alma, Sec-2	Fountain Green
Nielson Dean, e-F	Tooele
Nielsen, Emil K. e-ss	Provo
Nielson, Phares L., c-F	Fountain Green
Nielson, Ivy, a-S	Fountain Green
Nielson, Inez, Ex	Provo
Nielsen, Jessie, e-F-ss	Mt. Pleasant
Nielson, Kenneth, Sec-2	Leamington
Nielsen, Laura A., e-S	Spanish Fork
Nielsen, Reuben, e-J	Price
Nielson, Ross, e-s	American Fork
Nielsen, Stella, a-F	Provo
Nilsson, Maud, a-F	Heber
Nisonger, Florence, e-F	Mammoth
Nixon, Jessco, Sec-2	Provo
Noble, Aileen, e-F	Pleasant Grove
Noel, Henry, a-F	Vernal
Noel, Mary, e-F	Vernal
Norrington, Annie, ss	England
North, Amber, a-Sp	Charleston
Noyes, Wendell C., a-F	American Fork
Nuttall, Clarissa, e-F	Provo
Nuttall, James, e-ss	Provo
Nuttall, Rulon, c-Sp	Provo
Oaks, Lloyd E., a-So	Vernal
Oaks, Nettie, a-Sp	Vernal
Oaks, Mrs. L. W. Ex	Provo
Oberhansley, Grace B., Cor	American Fork
Oberhansley, Madge, a-S	Clinton
Okelberry, Della. Sec-3	Goshen
Okelberry, Gladys, Sec-3	Goshen
Olpin, Ann Bell, Cor	Pleasant Grove
Olpin, J. Lloyd., a-S	Pleasant Grove
Oldroyd, Irvin P., e-ss	Fountain Green
Oldroyd, William V., c-F	Provo
Olsen, Audrey, Sec-2	Provo
Olsen, Edith, e-ss	Lovell, Wyo.
Olsen, Eunice, e-So	Mt. Pleasant
Olsen, Gertrude, a-S	Provo
Olsen, J. Harry, e-So	Santaquin

Olsen, Harvard, a-F	Provo
Olsen, Ireta, a-Sp	Provo
Olsen, LaRue, c-F	Moroni
Olsen, Lucille, a-So	Mayfield
Olsen, Lucile, e-F	Lovell Wyo.
Olsen, Mary, e-F	Mayfield
Olsen, Norman, e-ss	Vernal
Olsen, Osmond, e-ss	Manti
Olsen, Thera Lou, a-ss-So	Manti
Olsen, Vera, e-ss	Provo
Omanson, John A., a-ss-Sp	Mt. Pleasant
Openshaw, Aura, e-F	Provo
Orem, Le Jeune, Ex	Provo
Orme, Jeanne, e-F	Tooele
Orme, Melba, e-F	Tooele
Orme, Sarah, e-So	Tooele
Ormond, Clyde, a-F	Rigby, Ida.
Orser, Alta, Ap-F	Roosevelt
Orton, Orwin, Sec-3	Parowan
Oscarson, Hilda, e-F	Pleasant Grove
Osmond, Constance, a-ss-J	Provo
Osmond, Hermese, Sec-3	Provo
Osmond, Irene, Sec-3	Provo
Osmond, Waldo, ss	Provo
Ostlund Anna B., a-F	Lethbridge, Canada
Ostlund, Audrey, e-So	Provo
Ottley, Ernest A., Cor	Oak City
Oveson, Merrill M., Ap-So	Castle Dale
Pace, Belle, e-ss	Price
Pace, Fern, e-F	Price
Pace, Helen, Sec-2	Cedar City
Pace, Henry A., Gr-ss	Price
Packard, Paul G, a-S	Springville
Pagano, Josephine, e-F	Price
Page, Gertrude, Ex	Provo
Paice, Clifford, a-F	Beaver
Palfreyman, Helen, e-F	Springville
Palfreyman, Ione, Ap-J	Springville
Palmer, Clarence, Ap-So	Vernal
Panther, Lloyd E., e-ss-Cor	Duchesne

Parcell, Lyman, c-So	Provo
Pardoe, Kathryn, a-ss	Provo
Pardoe, T. Earl a-ss-F	Provo
Parker, Byron, e-F	Payson
Parker, Nellie, Ex	Provo
Parker, Lorenzo, Ap-S	Rexburg, Ida.
Parker, Harry, c-F	American Fork
Parkinson, Mary, Ap-J	Rexburg, Ida.
Parkinson, Norma, a-F	Salt Lake City
Parkinson, Ruth, Ap-J	Rexburg, Ida.
Partidge, Karma, e-F	Provo
Partridge, Ernest, De Alton, a-F	Provo
Partridge, Raymond, a-ss	Provo
Partridge, Ruth, a-ss-J	Provo
Parry, Eleanor, a-ss	Manti
Parry, Kathleen, e-F	Richfield
Pate, Ada, e-ss	Sandy
Pate, Ruth, e-ss	Sandy
Patterson, Venna, e-F	Bloomington
Paulson, Ford M., Ap-S	Pleasant Grove
Payne, Berthell, Sec-4	Provo
Payne, Edward Sec-3	Provo
Pearce, Dave, e-J	Adamsville
Peay, Edwin A., c-J	Provo
Peck, Arthur, a-F	Cove, Oregon
Pectol, Fontella, e-ss	Torrey
Perkins, Blaine, Cor	Provo
Perkins, Milton, a-So	Provo
Perkins, Ruth, e-ss	Provo
Perkins, Wendell, Gr-ss	Provo
Perry, Ivan, e-F	Vernal
Peterson, Alice, e-F	Spanish Fork
Peterson, Estella, e-ss	Santaquin
Peterson, Erma, Ex	Provo
Peterson, James, Cor	Society Islands
Peterson, Kenneth, Cor	Grand Island, Neb.
Peterson, Florence, a-F-Cor	Preston, Ida.
Peterson, Helen, e-F	Lovell, Wyoming
Peterson, Helen Mae, e-Sp	Cowley, Wyoming
Peterson, Ira L., Gr-ss	Morgan

Peterson, Jack E., e-So	Chandler, Arizona
Peterson, Laurence, c-F	Provo
Peterson, Madge, a-F	Richfield
Peterson, Martha, e-F	Lehi
Peterson, Noel, Sec-4	Provo
Peterson, Roxie, Sec-4	Provo
Peterson, Vivian, e-ss	Salt Lake City
Peterson, Orlando, a-F	Preston, Ida.
Phillips, Florence Ex	Springville
Phillips, Iva, a-F	Springville
Phillips, Susan, Sec-4	Provo
Phillips, Rube, a-Sp	Provo
Phillips, Pauline, e-ss	Provo
Pierce, Arnold H., Ex	Broken Bow, Nebraska
Pierce, Clifford, a-F	Springville
Pierce, Delia, e-ss	Torrey
Pierce, Kate, Sec-4	Gunnison
Pierpont, Margaret, a-So	Provo
Pierpont, Thomas G., c-F	Provo
Pitts, Clara L., e-F	American Fork
Pitts, Ethel, e-F	American Fork
Pinegar, James, e-Sp	Wellington, Ut.
Plummer, Gail E., a-J	Heber
Pollock, Clemon, e-F	Castle Gate
Pomeroy, Adah, e-ss	Mesa, Arizona
Porter, Annie, c-F	Orderville
Porter, Rich, ss	Salt Lake City
Porter, H. Preston, a-Sp	Morgan
Porter, Reed, c-F	Morgan
Porter, Ruth, a-F	Worland, Wyoming
Potter, Elwin A., a-J	Bancroft, Idaho
Potter, Mildred, a-Sp	Bancroft, Idaho
Potter, Mahlon, F	Provo
Potter, Jennie, e-F	Price
Poulson, Mala, e-So	Richfield
Poulson, Mable, e-F	Sanford, Colo.
Poulson, Marie, Sec-3	Provo
Poulson, Ruby, e-ss	Herriman
Powell, Arthur, c-ss	Payson
Powell, Stella, e-F	Beaver

Powelson, Stanford, e-F	Provo
Powelson, Donnel, a-S	Provo
Powelson, George, e-ss	Provo
Powelson, Marion, e-ss	Provo
Powelson, A. M., Ex	Provo
Pratt, Eva, Sec-3	Provo
Pratt, Eugene, a-J	Areo, Ida.
Pratt, J. Rolfe, a-So	El Paso, Texas
Prestwich, Anna J., a-F	Moroni
Price, Grace, e-F	Phoenix, Ariz.
Price, Ruby, e-F	Phoenix, Ariz.
Price, Scott, c-So	Provo
Prince, Elva, e-F	Price
Pritchett, Frank, Sec-3	Huntington
Prior, Carl, a-ss-J	Spanish Fork
Prior, Gwen, e-F	Spanish Fork
Prior, Harriet, e-So	Spanish Fork
Prior, Lydia, Cor	Spanish Fork
Probst, Clarence, e-S	Midway
Probst, Reed, e-J	Midway
Probst, Emma, e-ss	Midway
Proctor, Annie, e-ss	Spanish Fork
Pugmire, Ross, e-So	Fish Haven, Ida.
Pugmire, Stanford, e-So	St. Charles, Ida.
Pulsipher, Juanita, Ap-S	Bunkerville, Nevada
Pyne, Mark, a-F	Provo
Pyper, LaVon, e-So	Heber
Racker, Leonard, a-F	Lehi
Rackman, Florence L, e-So	Mt. Pleasant
Radmall, Mellen D., c-Sp	Pleasant Grove
Rappleeye, Daisy, Sec-2	Kanosh
Rasmussen, Irvin, a-F	Mt. Pleasant
Rasmussen, Mary, e-So	Mt. Pleasant
Rasmussen, LaVerda, e-ss	Bicknell
Rasband, Heber, c-J	Heber
Ratccliffe, William, a-So	Provo
Redd, Anna, Cor	Portland, Oregon
Reed, MarVelle, c-F	Sanford, Colorado
Reed, Mary M., Ex	Springville
Reid, Dorothea, e-So	Orangeville

Reid, Melva, Ex	Pleasant Grove
Reynolds, Alice L., Gr-ss	Provo
Reynolds, Bruce, c-F	Sanford, Colorado
Reynolds, Iva, e-F	Sanford, Colorado
Reynolds, Gertrude, Ex	Provo
Rich, Able S., Gr	Brigham City
Rich, Lois, a-J	Paris, Idaho
Rich, Stella, e-ss-Ex-J	Provo
Richan, Dorothy, a-F	Provo
Richan, Fred J., a-J	Provo
Richan, Raymond B., a-ss-Sp	Provo
Richards, Alice L., a-F	Salt Lake City
Richards, Donnetta, e-F	Vernal
Richards, Fred, a-So	Pleasant Grove
Richards, Lois, a-So	Salt Lake City
Richards, Lynn, Stephen a-S	Salt Lake City
Richards, Lucille Covey, Gr	Salt Lake City
Richardson, Alton H., e-F	Benjamin
Richardson, Ida, a-ss-Sp	Helper
Richins, Lyle P., a-F	Henefer
Richter, Malinda, Cor	South Bend, Ind.
Riddle, Nevada, e-F	Provo
Riding, Lister, Ap-F	Provo
Ridd, Mable, e-ss	Brigham City
Rigby, Cleston, Cor	Fairview
Rigby, Florence P., e-So	Provo
Rigby, Ila, Sec-3	Fairview
Rigby, Thorval E., c-F	Fairview
Rigby, Rowland, Cor	Chester
Rigby, Wendell, Ex	Provo
Robbins, Archie F., e-S	Provo
Robbins, Arvilla, Ex	Provo
Robbins, Roxie R., a-Sp	Provo
Roberts, Bertha, a-ss-Sp	Provo
Roberts, Selina, e-F	Provo
Roberts, Howard D., Ap-So	Blanding
Roberts, Glen R., Sec-2	Redmesa, Colorado
Roberts, Ruth, e-So	Provo
Roberts, Arvilla, Ex	Provo
Roberts, Phoebe, Cor	Goshen

Robertson, Grant M., c-J	Spanish Fork
Robertson, Russell, a-So	Spanish Fork
Robertson, J. Wesley, e-ss	Lovell, Wyoming
Robinson, Ella C., Ap-So	Parowan
Robinson, Glen, e-F	American Fork
Robinson, Florence, ss	Provo
Robinson, Phebe A., e-J	Felt, Ida.
Robinson, Paul A., e-F	Fillmore
Robinson, Junius, Sec-4	Provo
Robinson, L. Ray, Ap-S	Provo
Robinson, Rondo H., c-So	Provo
Robinson, Myrl, e-F	American Fork
Robinson, Grant, c-F	Hinckley
Robinson, Willis, a-F	Provo
Rockhill, Lois R., Ap-So	Spanish Fork
Rodgers, Grace, Ex	Provo
Rogers, Ofie, e-ss	Kanosh
Rogers, Mary B., e-ss	Kanosh
Rogers, Lyman, Cor	Mesa, Ariz.
Romney, M., George, Cor	Salt Lake City
Romney, Golden, a-J	Provo
Romney, Owen T., e-J	Provo
Romney, Lucille, Sec-4	Provo
Romney, Vivien, a-J	Provo
Romney, Lydia, a-ss	Provo
Romney, Pauline, Ap-S	Provo
Rose, Hilda G., e-So	Aurora, Ut.
Ross, Fern, e-So	Vernal
Ross, Raymond, c-J	Provo
Ross, Reid H., c-F	Vernal
Ross, Soren, a-J	Ephraim
Ross, Warren, c-F	Richfield
Roundy, Bert, Sec-3	Provo
Roundy, Fern, Ap-S	Provo
Roundy, Vilate, Cor	Alton
Rowe, Edwards Morris, Gr	Spanish Fork
Rowe, Glen A., a-So	Spanish Fork
Rowe, Ross T., Gr-ss	Gannett, Ida.
Rowley, Nello, Sec-3	Provo
Rowland, Fanny, Ex	Springville

Rowland, Hannah, Ex	Springville
Rowland, Louise, Ex	Springville
Rowlands, Harry W., a-F	Provo
Roylance, Arnold, a-So	Springville
Russell, Lillian, e-F	Springville
Russell, Harry J., c-S	Salt Lake City
Russell, Marion, a-F	Mommoth
Rust, Emma, e-F	Kanab
Rust, D. Jordan, c-So	Kanab
Rust, T. Rae, a-F	Kanab
Sackett, Harold, Sec-3	Sterling, Ida.
Sackett, Genevieve, Sec-2	Sterling, Ida.
Sainsbury, Freda, e-ss	Vernal
Sainsbury, R. H., e-ss	St. Johns, Ariz.
Salisbury, Helen, e-F	Springville
Sampson, Ellen, e-F	Eureka
Sanders, Ellis, c-F	Nephi
Sanders, Cleon, e-F	Nephi
Sanders, Gladys, a-ss	Provo
Sanderson, Thelma, e-ss	Manti
Sanderson, Melba, e-F	Provo
Sanford, Helen, e-So	Springville
Sauls, Phoebe, e-F	Provo
Scarlett, Trella, e-F	Safford, Arizona.
Schofield, Pauline, Sec-4	Hiko, Nevada
Scorup, Alberta, a-F	Provo
Scorup, Etta, a-J	Provo
Scorup, LaVerda, Ap-S	Provo
Seal, James L., Ap-So	Riverton
Seegmiller, Anna, e-ss-So	St. George
Seegmiller, Keith L. c-ss	St. George
Sessions, Charles, e-ss-S	Rigby, Idaho
Shand, Afton, a-ss-Un	Manti
Sharrer, Fay, e-So	Payson
Shawcroft, John H., c-So	La Jara, Colo.
Shelley, Edna C., e-So	American Fork
Shelley, Mada, ss-Cor	American Fork
Shelley, D. Moroni, a-F	American Fork
Shepard, Laura, e-ss	Beaver
Shill, Otto, Cor	Mesa, Arizona

Shipley, Irene, Sec-4	Oak City
Shipley, George W., c-So	Oak City
Shoell, Ethel, e-So	Pleasant Grove
Sidwell, Ruth, a-So	Provo
Sill, Sterling, Cor	Atlanta, Ga.
Simper, Walter, Sec-1	Vernal
Simper, Linnie, e-ss-F	Vernal
Simmons, Donald, a-F	Payson
Simmons, David G., e-ss	Spanish Fork
Simpson, Sarah, e-So	Heber
Singleton, Faun, e-So	Ferron
Skinner, Grace, e-ss	Beaver
Slack, Elmer, Sec-2	Provo
Slack, Mae, e-F	Provo
Slack, Ida, e-ss	Provo
Smart, Henriette N. e-ss-Ex	Provo
Smart, Muriel, a-ss-S	Provo
Smart, Thomas, e-ss	Roosevelt
Smart, Rowlee, Sec-1	Provo
Smart, Wayne, a-So	Provo
Smith, Ardith, c-So	Provo
Smith, Carl N., a-F	Snowflake, Ariz.
Smith, Cleone, e-J	Salt Lake City
Smith, Eada, a-ss-So	Phoenix, Ariz.
Smith, Edwin O., c-J	Sugar City, Ida.
Smith, Eleanor, Ap-J	Provo
Smith, Francis L., Ap-J	Snowflake, Ariz.
Smith, George A., e-J	Snowflake, Ariz.
Smith, Hazel, e-ss-So	Springville
Smith, Helen, e-ss	Pleasant Grove
Smith, Henry A., e-ss	Taylor, Ariz.
Smith, Kathryn, Ex	Provo
Smith, Marylene M., Cor	Washington, D. C.
Smith, Maude, e-ss	Springville
Smith, Retta, e-F	Pleasant Grove
Smith, Stella, e-F	Draper
Smith, Sophronia, e-ss-Cor-a-J	Snowflake, Ariz.
Smith, Walter F., Ap-S	Provo
Smith, William C., Gr-ss	Snowflake, Ariz.
Smith, J. Earl, c-F	Pleasant Grove

Smith, Revell T., e-F	Draper
Smyth, Frances, e-ss	Fountain Green
Smoot, Mrs. H. E. Ex	Provo
Snell, Burl A., e-ss	Provo
Snell, Earl B., e-ss	Provo
Snell, Gladys, e-ss	Provo
Snell, John, a-F	Spanish Fork
Snell, William, Gr-ss	Provo
Snow, Emma, a-So-ss	Provo
Snow, Elizabeth, a-J	Pine Valley
Snow, J. F. ss	Salt Lake City
Snow, Virginia, ss	Salt Lake City
Snow, Hattie, a-ss	Provo
Snyder, Mrs. Esther, a-Sp	Provo
Snyder, DeLoss, Sec-1	Provo
Southwick, John, c-F	Lehi
Southworth, Kathryn, Ex	Springville
Sorenson, Louis N., Sec-4	Price
Sorenson, LeVere, Sec-Sp	Provo
Sowards, Beatrice, Sec-1	Provo
Sowards, Vera, c-Sp	Provo
Soby, Alice, e-F	Nephi
Spalding, Faye, e-ss	Provo
Sparks, Bessie, e-F	Provo
Speckart, Harriet, Ex	Provo
Spratley, Marie, e-F	American Fork
Sperry, Sidney, Gr-ss	American Fork
Sproul, Elmo, a-ss-S	Provo
Sproul, Jannet, a-Sp	Provo
Sprouse, Clive, e-F	Lapoint
Stagg, Aleithea, Ex	Provo
Stagg, John, Cor	Vernal
Stanworth, Gladys, Sec-3	Hurricane
Staples, Anna Laura, e-F	Elsinore
Stapley, Marie, e-F	Mammoth
Starr, Annie, Ap-J	Springville
Starr, Pearl, e-ss	Springville
Stark, Anna, e-J	Spanish Fork
Stark, Grant, a-So	Spanish Fork
Stark, Henry M., Gr-SS	Spanish Fork

Stark, Mark H., Ap-So	Spanish Fork
Stayner, Irene, e-So	Farmington, Utah
Stevens, Elaine, e-F	Fillmore
Stevens, Fern. Sec-3	Holden
Stevens, John, Cor	Vernal
Stevens, J. M., Cor	Tooele
Stevens, Walter, c-J	Provo
Stevens, William Hugh, Ap-F	Ferron
Stevens, Kenneth R., Ap-F	Ferron
Stephenson, Annie M., e-F	Provo
Steele, Ellis, e-ss	Salina
Stewart, Garnet, e-F	Mammoth
Stewart, Grace Nixon, a-S-Cor	Provo
Stewart, C. L. e-ss	Mt. Pleasant
Stewart, LaVon, e-ss	Provo
Stewart, Verga, e-ss	Fairview
Stewart, Louise, e-So	Spanish Fork
Stewart, Reed J., a-J	American Fork
Stewart, Scott, a-F	Provo
Stewart, Clarence L., e-S	Mt. Pleasant
Stewart, Halbert, a-So	Spanish Fork
Stewart, John, a-F	Loa
Stewart, W. L., Cor	American Fork
Stice, Wilma, e-So	American Fork
Stiehl, Fay L., Ex	Provo
Stolworthy, Luella, c-Sp	Provo
Stone, Winnie, c-F	Raymond, Alberta, Can.
Stott, Leland, a-So	Felt, Idaho
Stott, Ross, c-Sp	Felt, Idaho
Stout, Myron, a-J	Hurricane
Strate, Fred C., Ex	Provo
Strate, Mrs. Fred, a-ss	Provo
Straw, George, c-J	Springville
Straw, Luella, e-F	Springville
Straw, Mable, a-S	Springville
Strebel, Lydia, e-ss	Provo
Strong, Amber e-F	Alpine
Strong, Eva, a-F	Provo
Strong, Mary, e-F	Springville
Strong, W. Melvin, e-F	Salt Lake City

Stucki, E. D. Cor	Paris, Idaho
Sullivan, LaRue, Sec-3	St. George
Sullivan, Lorenzo, Sec-3	St. George
Summer, Elton J., a-So	Provo
Sumsion, Melba, e-So	Springville
Sutton, Mrs. E. D., Ex	Provo
Sutton, Mrs. Raymond, Ex	Provo
Swenson, Margaret, Ap-J	Provo
Swenson, Margaret D., Ex	Provo
Swenson, Reed K., a-So	Provo
Swenson, Russel, c-J	Pleasant Grove
Swenson, McLean, Sec-2	Provo
Swenson, Priscilla, Ex	Provo
Talmage, Albert M., e-Sp	Provo
Tanner, George, Gr-ss-Sp	Salt Lake City
Tanner, Jennie, Cor	American Fork
Taylor, Afton E., Ap-Sp	Provo
Taylor, Amelia R., Ap-Sp-Ex	Provo
Taylor, Dunn, a-J	Springville
Taylor, Ekma, e-F	Lehi
Taylor, Helen L., e-F	Lehi
Taylor, Helen, c-Sp	Provo
Taylor, Heber R., e-S	Provo
Taylor, Sarah, Sec-4	Lehi
Taylor, Leo, c-F	Provo
Taylor, Mary T., a-F	Provo
Taylor, Mary J., a-Sp-Ex	Provo
Taylor, Mel, e-F	Mohrland
Taylor, Merrill C., a-F	Manti
Taylor, Wesley, Gr	Thatcher
Thevort, Marie, e-F	Payson
Terry, Andrew S., a-F	Provo
Tew, Melba, e-So	Mapleton
Tew, Burton, Sec-3	Mapleton
Tew, William, Gr-ss	Fillmore
Thomas, Herman, Ap-So	Pinedale, Ariz.
Thomas, LaVeta, e-F	American Fork
Thomas, Donna, e-F	Spanish Fork
Thomas, Blair, c-So	Spanish Fork
Thomas, Mark, Ap-F	Spanish Fork

Thomas, Myra, a-ss	Lehi
Thomas, Mrs. Sazie, e-ss-J-Ex	Provo
Thompson, Deltha, e-F	La Point
Thompson, Ethel, a-ss	Richfield
Thompson, Leda, e-ss	Ephraim
Thorn, Richard H., c-F	Springville
Thorn, Paul, c-F	Springville
Thorne, Beulah, c-ss-F	Provo
Thorne, Wendell, c-S	Pleasant Grove
Thornton, James, Gr-ss	Provo
Thornton, Jennie, e-F	American Fork
Thornton, Lucile, a-ss	American Fork
Thornton, Nellie, ss	Provo
Thurman, Ida, a-ss	Lehi
Thygerson, Owen, c-F	Manti
Timothy, Elmer, Ap-F	Jensen
Timothy, Rulon, Sec-Sp	Vernal
Tingey, V. H., Cor	Brigham City
Tippetts, Kate, e-So	Spanish Fork
Todd, Clara, e-F	Farmington
Told, Leone M., Ex	Pleasant Grove
Topham, Bertha, Ap-ss-J-Ex	Paragoonah
Tooth, Bessie, e-ss	Manti
Towers, Enola, e-ss	Eureka
Tregeagle, Phyllis, e-J	Provo
Trevethick, Grace, Cor	Heber
Tripp, Delmer, a-F	Soldier Summit
Tucker, Fern, a-So	Murray
Tucker, Mrs. H. B., Ex	Provo
Tucker, Webster, e-ss-So	Provo
Tuft, Frank, a-F	Moroni
Tueller, Golden, a-So	Paris, Idaho
Tullis, Verne, Sec-1	New Castle
Turley, Tillman, Cor	Elko, Nevada
Udall, T. Dean, Cor	Salt Lake City
Vance, Elma, a-F	Provo
Vance, Lorene, e-So	Provo
Vance, Merle, Sec-1	Provo
Vance, Marva, e-So	Alpine
Van Buren, Louise, e-F	Orangeville

Van Leuven, Ray, a-J	Springville
Van Leuven, Lyda, c-Sp	Provo
Van Wagenen, Verl, Sec-4	Provo
Van Wagenen, Rulon C., c-S	Provo
Van Wagenen, Sylvia, e-F	Midway
Vernon, Ethel, e-So	Vernal
Viklund, Hannah, e-F	Spanish Fork
Vincent, Glen, a-So	Provo
Vogel, Walter, c-So	Provo
Wadley, LaVere J., c-F	Pleasant Grove
Wagstaff, Dermont, a-So	Provo
Wagstaff, Le Roy, Ap-F	American Fork
Wagstaff, Mary, Cor	Tremonton
Wainwright, Mary, Sec-2	Springville
Wakefield, Emma H., e-ss-S	Provo
Wakefield, J. Homer, Gr	Provo
Wakefield, Thomas, a-F	Provo
Wall, Hannah, e-ss	Lyman, Wyoming
Wall, Verda, e-ss-F	Santaquin
Waldron, Afton, c-F	Morgan
Walker, Ethel, e-ss-So	Provo
Walker, Harold, e-So	Pleasant Grove
Walker, Jesse, Gr-ss	American Fork
Walker, Lucille, e-F	Pleasant Grove
Walker, Melba, ss-e-So	Provo
Walker, Nellie, e-F	Provo
Walker, Thomas, a-F	Coalville
Walker, Robert, e-ss	Pleasant Grove
Walker, Virginia, e-ss	Pleasant Grove
Wanlass, Frank, ss-a-S	Colonia Juarex, Mex.
Ward, Ella, e-F	Springville
Ward, Luella, a-J	Preston, Idaho
Ward, Hyrum, Ap-J	Preston, Idaho
Wardell, W. H., Gr-ss	Provo
Warner, Charlotte, e-So	Tooele
Warner, John F., Cor	Salem
Warnick, Blaine W., Ap-F	Pleasant Grove
Warnick, Angelyn, e-So	Pleasant Grove
Warnick, Ethel, e-F	Pleasant Grove
Warnick, F. Leland, c-J	Provo

Warnick, Inez, Ap-So	Provo
Warnock, Thomas, c-Sp	Sanford, Colo.
Warnock, Nellie, e-ss	Sanford, Colo.
Warthen, Virginia, e-F	Springville
Washburn, Don, Ap-F	Provo
Washburn, J. Nile, e-F	Provo
Waters, Leona, e-So	Rigby, Idaho
Waters, Ruby, e-F	Salem
Watson, William, Sec-2	Spring City
Watson, Gladys, Ap-J-ss	Pocatello, Idaho
Watson, Helen, a-F	Spring City
Watson, Elvera, e-ss	Charleston
Watson, Francis, ss	Salt Lake City
Watts, Alice, e-Sp	Kanosh
Watts, J., Clayton, a-ss-J	Ephraim
Watts, Orvil, e-F	Provo
Watts, John A., e-Sp-ss	Provo
Weaver, E. E., Cor	Chico, California
Webster, Emma, J., Ex	Provo
Webb, Ina, Sec-1	Provo
Weight, Thelma, E., Ex	Provo
Weimer, Della, c-So	Cove, Oregon
Weimer, Marva, e-ss	Manassa, Colo.
Welker, Roy, Gr-ss	Paris, Idaho
Welker, Russell, a-F	Montpelier, Ida.
Wells, Margaret, e-ss	Oak City
Wentz, Charles, ss	Provo
Wentz, Donald, a-F	Provo
Wentz, Lillie, e-ss	Provo
Wentz, Ray, e-ss	Provo
West, Viola, Ex	Pleasant Grove
West, Ora, e-ss	Pleasant Grove
Whatcott, H. Devello, a-So	Kanosh
Wheeler, Bert, a-F	Springville
Wheeler, Inez, e-F	Springville
Wheeler, Joseph, a-F	Springville
Whetten, Nathan, a-So-Ex	Colonia Juarez Chih, Mex.
Whimpey, Martha, e-F	Lehi
Whimpey, Mae, Sp-c	Lehi
Whitaker, Susa P., Ex	Provo

Whitaker, Warren, Sec-1	Provo
White, Dennis, Cor	Grand Junction, Colo.
White, Eunice, e-ss	Sanford, Colo.
White, Eula, e-ss	Sanford, Colo.
White, Lacy, Ex	Springville
White, Lapriel, e-ss	Beaver
White, Melba, e-F	Beaver
White, Mildred, e-ss	Thayne, Wyo.
Whitehead, LeRoy, c-J	Provo
Whitehead, Roland, c-S	Provo
Whiting, Blanche, e-So	Le Grande, Ore.
Whiting, Jesse, Ap-F	Springville
Whitney, Mrs. Lewis, Ex	Springville
Whittemore, Mrs. W. L. Ex	Provo
Whitwood, Ernest, e-ss	Spanish Fork
Widtsoe, Anna G., e-J	Salt Lake City
Wilcox, May, e-ss	American Fork
Wilcox, Cleon, Sec-4	Sandy
Wilkins, Afton, e-F	Spanish Fork
Wilkinson, Robert A., a-J	Ogden
Wilmot, Alzada, Ex	Provo
Willardson, Emery, c-F	Monroe
Willardson, Vincent, c-So	Monroe
Williams, Heber C., a-J	Marysville, Idaho
Williams, Lowell, c-So	Rigby, Idaho
Williams, Margaret, e-J	Provo
Willis, Alzina, e-F	Lehi
Wilson, Arthur, e-F	Mammoth
Wilson, Cecil, e-F	Midway
Wilson, Eva, a-So	Midway
Wilson, Howard, e-So	Payson
Wilson, Stanley, Ap-Sp	Payson
Wilson, Zola M., e-F	Mammoth
Wilson, Florence, e-ss	Ephraim
Willis, Mabel, e-ss	Salt Lake City
Willett, Lela, e-ss	Pleasant Grove
Wing, John H., a-S	American Fork
Winn, Lloyd, a-J	Ephraim
Wipf, Peter, a-F	Magrath, Canada
Witbeck, Haller, c-So	Provo

Witbeck, M. V., Ex	Provo
Witt, Willmuth, e-So	Heber
Whipple, June, a-J	Lehi
Wixom, Jorice, e-F	Fillmore
Woffinden, Myrtle, Thelma, e-So	Provo
Wood, Wallace, e-ss-Cor	Deseret
Woodward, Emily T., e-ss-S	Provo
Woolley, Mary, Ex	Provo
Woolley, Iona, a-S	Vernal
Woolley, Erma, Sec-4	Vernal
Woolley, Muriel, Sec-4	Vernal
Woolley, Samuel, c-So	Vernal
Wootton, Edith, e-So	Heber
Workman, Abram, Sp	Delta
Workman, Nellie, e-Sp	Delta
Workman, Ora, a-F	Hurricane
Workman, German, e-ss	Neola
Workman, Lalovi, Sec-1	Delta
Worthen, Lottie, e-ss-Ex	Provo
Worsley, Sadie, Gr.	Provo
Worthington, Lillian, e-F	Nephi
Worthington, Vernal L., c-F	Provo
Wrathall, L. R. Cor	Lake Point
Wride, Wendell, a-So	Payson
Wright, Chole, e-ss	Provo
Wright, Lucille, e-F	Pleasant Grove
Yack, John, e-F	Neola
Young, Alton, e-F	Mona
Young, Ivan W. S.,	Ephraim
Young, Levon, a-F	Blanding
Young, May, e-F	Blanding
Young, Rachel R., e-F	Richfield
Zager, Angella, e-F	Hayden
Zager, Math, Sec-3	Hayden

SUMMARY OF STUDENTS 1924-1925

Graduates -----	21	
Seniors -----	121	
Juniors -----	141	
Sophomores -----	279	
Freshmen -----	584	
Specials -----	<u>58</u>	
		1204
Summer School 1924:		
Graduates -----	53	
Unclassified -----	<u>437</u>	
		490
Secondary Training School -----		199
Elementary Training School -----		257
Correspondence and Extension -----		<u>283</u>
		2433
Less duplications -----		<u>160</u>
Total receiving institutional credit		2273

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